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Jack Patterson	Facial Recognition with Automatic User Enrolment	Robert Rolleston	Dish Detection
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Scott (Gongzai) Li
Stuart Williams
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2021

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Hank Wu	Detecting COVID-19 Social Distancing practice using Convolution Neural Network	Micaela Cooper	Detection of Surfers Riding Near-Shore Ocean Waves
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2020

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Ben Tait	Segmentation of Bagpipe Sheet Music for Optical Music Recognition
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Christian Spain	Guidance System for Novice Pool Players
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Joel Ridden	Object detection for a board game
Jonathon Stevens	Virtual DJ Controller
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Joselle Bontilao	Real-time Detection for Interactive Display
Joshua Meneghini	NZ Banknote Detection and Value Classification
Josh Webb	Face Recognition and Tracking for a Real-Time System
Josie Williamson	Facial Expression Recognition: Facial Landmarks and Random Forest Classification
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Kevin Langbroek	Recording and Tracking Live Chess Games
Krishna Moorthy Babu	Wilding Conifers Detection Using Drone Vision
Lachlan Brewster	Real Time Obstacle Identification for Autonomous UAV Environment Exploration
Liam Hare	Surfer detection using Segmentation and Moving Average Filter
Liam Hunn	Golf Swing Coach
Luke Parkinson	Foreground Segmentation Through Image Matting with Chroma-Key and the Watershed Algorithm
Luke Walsh	Enhancing Document Based Character Recognition
Madhu Pulimi	Pedestrian safety control system using RGB-D data
Manoj Paladugu	Human posture detection using instance segmentation
Mark Arunchayanon	Heart Rate Detection from Frontal Face Video
Marvin Goesmann	Virtual Keyboard
Matilda Porterfield	Jigsaw Puzzle Solver Algorithm using Adaptive Thresholding
Matthew Kenny	Observing Social Distancing
Matthew Northcott	Human-Animal Differentiation in Surveillance Video
Max Andrew	Censoring Specific Text in Images
Mickey Gallagher	Safer Workplaces - High Visibility Clothing Detection
Miria Chin	Automated Jigsaw Solver Independent Of Piece Orientation
Mitch Hollows	Automated parsnip top and tail cut prediction
Morgan Algar	Improving the Efficiency of Optical Character Recognition
Nandakumar Thachapilly	Road Surface Deformation Detection
Nathan Beckers	Jigsaw Puzzle Solver to Locate Piece Position
Nathan Cleaver	Chess Move Detection and Piece Recognition
Niveditha Dhasaradhan	Automatic Bloodstain Pattern Analysis
Oliver Gilbertson	Determining Road Bicycle Geometry
Patrick Hassan	Aquiring Positional Data In Flappy Bird
Prasoon Sharma	Real Time Face Identification and Tracking
Priyesh Shah	Estimating Distances between Humans
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Robert	Grove	Melanoma and Nevi Classification using Convolution Neural Networks
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Sam	Purdy	Number plate recognition
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Sarah	Kennelly	Classifying Bird Feeder Photos
Sasha	Cox	Computer Antler Point Detection
Sheldon	Zhang	Facial expression recognition via VGG19 and SoftMax
Stephen	Pitts	Automated Blackjack System
Tiger	Huang	Optimizing OCR System Accuracy for Natural Lighting

Tim	Hadler	Recognizing Static Sign Language Gestures
Tim	Chang	Checkers Game Position Recognition using ResNet50 and K-Means
Tom	Maslin	Computer Vision as a Tool for Gait Retraining
Tom	Wilson	Ball Tracking and Trajectory Prediction for Beer Pong
Vikas	Shenoy	Launch Angle and Velocity Calculation of Basketball Free Throw Shot
Viktor	Bubanja	Fingertip Detection and Tracking Using Convex Hull and Convexity Defects
Will	Cowper	Counting Pips
William	Johanson	Field Relativity and Recognition of American Football Formations and Plays
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2019

Adam Tupper	Pedestrian Proximity Detection using RGB-D Data	Kane Findlay	CNN Translation of New Zealand Sign Language Alphabet to Text
Alex Tompkins	Detection of Pianist Key Presses and Finger Pose	Ke Gao	Autonomous guided robot obstacle avoidance
Alex Towse	Object Detection Software Development Using a CAD Model	Kieran Hitchcock	Anonymous Lecture Occupancy Measurement using Thermal
Amy Strang	Pedestrian Detection to Create a Heat-map of Movement	Lucas Toovey	Real-time Face Morphing
Andrew Davidson	Cell Nucleus Segmentation and Feature Recognition	Marco Tyler-Rodrigue	Track Cyclist Detection and Identification
Andrew Limmer	Crowd Counting and Crowd Movement Direction	Matthew Withers	Interactive Snake Using Fiducial Markers
Ash Gupta	Car Park Occupancy Monitoring	Max van Empel	Detecting and Classifying Cat Breeds Outdoors
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Benny Schmidt	Playing Card Recognition using YOLO Object Detection	Mohammed Hassan	Detecting Parkinson's disease
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Braden Alsford	Digit Locating and Grouping for Machinery Serial Numbers	Nicholas Krause	Identification and Scoring of a Dart Thrown at a Dartboard
Breja Khushboo	Breast Cancer Detection	Nick Blair	Street Carpark Detector
Brooke Rakowitz	Emotion Detection through Micro-expression Recognition	Patrick Ma	Connected Components Based Segmentation of a Point Cloud
Callum Davidson	Motion Tracking of a Baseball	Raamkumar Manickavasagam	Real-time Pedestrian Detection
Cherie Vasta	Lip Reading in Te Reo Māori	Rhys Fitzgerald	CNN comparison for grape vine foliage detection
Christopher Bull	Aerial Surveying	Robin Charlett-Green	Playing Cards' Hand Detection
Daniel De Gouw	Tracking Fiducial Markers with a Drone	Ronan Fraser	Instance segmentation for leaf counting using Canny
Daniel Wright	Beer Bottle Detection and Brand Classification	Ruoxuan Liao	Face Recognition with CNN
David Bredda	Billiards Top-Down Perspective Transform	Ryan Sadler	Hand-Drawn Maze Detection and Solution
Dylan Carlyle	Recognising Buildings using Canny and CNN	Sage Gwatkin	Car park capacity monitoring system
Dylan White	Anonymous lecture attendance detection using thermal images	Sam Pell	Pose Estimation for Interaction with a LED Feature Wall
Frederick Wright	Gaze detection for object recognition	Sam Spekrijse	Autonomous Mobile Platform Target Recognition and Seeking
Gabriella McLeay	Count Cars Waiting at Traffic Lights	Samuel Hollis	OpenCV and Raspberry Pi GPU: Friends?
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Hamish Ball	Fatigue Detection Using Kinect	Shun Lyu	Hand Detection System for Computer Interactions
Hugo Bidwill	Rubiks Cube Solver	Sophie McGill-Smith	Jigsaw Puzzle Solver to Locate Piece Position
Imas Neupane	Badminton Pose Estimation with Shuttle Tracking	Tao Ren	Steel Fault Detection
James MacKay	Orchestra Conductor Baton Tracking and Beat Detection	Theo Harbers	Drone Tracking and Following
James Regan	Tracking Agents In Robot Soccer Games	Thomas Bingham	Centre of Mass Identification in Rock Climbing
Janitha Gunathilake	Optimizing Real-time Optical Character Recognition	Vinayak Khangarot	Real-time face liveness detection
Jed Obrien	Virtual Mouse to Assist Cerebral Palsy Patients	William Fulton	Actor Finder using Facial Detection and CNN
Jeremy Burns	Surveillance using Mask-RCNN Object Recognition	Yat Chung Leung	Chess Board and Pieces Recognition
Jessica Dunn	Traffic Light Detection and State Recognition	Zhaohan Sun	Face Replace
Joshua Lowe	Recognising hand gestures using a neural network		

2018

Andy Everitt	Detection of Docking Locations at Desks for Automated Wheelchairs	Lydia Sainsbury	Automated Electricity Meter Dial Reading
Angu Chen	Mushroom Identification with CNN	Marc Katzev	3D Wi-Fi Signal Strength Mapping
Angus Schuler	Augmented Reality using Fiducial Markers within a Game Engine	Mariah McDonald	Passerine bird detection and species classification
Ankurit Ghosh	Binary Image Morphology using High End GPU Computing	Matt Goodson	Human Pose Estimation for Screening Dynamic Knee Valgus in 2D Video
Brendon May	Autonomous Navigation in Real Time using Hough lines and colour	Matthew Simpson	Monitoring Sitting Posture
Callum Slaven	Panorama Stitching	Matthew Aitchison	Novelty Detection in Thermal Video
Cameron Broadhurst	Human body tracking using a 2D colour camera	Matthew Jensen	Speech Interpretation from Mute Video
Claire Barnaby	Blood Stain Segmentation	Max Sun Ball	Balancing Table with Image Processing Feedback
David van der Byl	Real Time SLAM on Computationally and Memory Deprived Systems	Megan Chu	Facial landmarking for detecting driver drowsiness
Elliot Lines Smith	Real Time Bass Tutoring	Morgan King	Insect Classification from Camera Trap Images
Faiyeung Szeto	Fiducial markers and Gesture controlled Video Recorder	Moss Lilley	Near Real-Time Obstacle Detection using Point-Clouds
Fan-Wu Yang	Touch Typing Tutor	Nathan Ferguson	Doorway Detection for Assisted Wheelchair Control
Fawzy Hend	Bird Flock Detection for Robotic Applications	Nathan Jones	Image Classification of Mimicking Arachnids
Fergus Speirs	Hammer Throw Distance Prediction	Negar Mohammadhassan	Crop-row Detection for Agricultural Robots
Grace Lee	Book Call Number Detection	Nicholas Thornton	Road Sign Detection and Classification Using ORB Feature Detection
Grant Harvey	Road Region Identification for Unstructured Roads	Peizhao Qiu	Markerless Motion Tracking for Reducing Motion Artefacts inside MRI
Haipeng Yu	Real-time Hand Gesture Recognition Using Webcam	Richard Fontein	Feature Identification from Human Pose Estimation in Freestyle Sports
Hangwen Hu	Automatic License Plate Recognition System	Richard Jarvis	Rotationally Invariant Playing Card Recognition
Hayden McKechnie	Automatic Facial Recognition in Large Scale Public Events	Robbie Day	Hand Detection Using Colour
Isaac Beadle	Motion Controlled Computer	Robert Phemister	Automated Blackjack System
Jeremy Ritchie	Always Clean Kitchen	Samuel Bates	Detecting Playing Cards
Jessica Robertson	Detecting the presence of orange-fronted parakeets	Sam Beeston	Grapevine Modelling Using Depth Cameras and Colour Markers
Jordan Blackbourn	Calculating bicycle geometry from an image	Sam Taylor	A Robot for Patient Health Monitoring
Jordan Gavan	Automated Meter Installation Inspection	Samuel Banks	Capture of Piano Performance for MIDI Transcription
Joseph Weaver	Kitchen Police: An Autonomous Kitchen Surveillance System	Samuel Hooker	Creating a Variable Depth of Field Effect Using a Webcam
Ke He	Public Interactive Display	Sophie Walton-Smith	Towards Monitoring Possum Populations using CNNs
Kusal Ekanayake	Interactive Art Tracking Humans	Strathan Mckenzie	Gnarometer - Surfcam Live Inspector
Lauren Hill	Interactive Pong Interactive public display	Tim Bullen	Guitar Tutoring by Live Video Camera using Feature Detection
Liam Beckett	Proposed Method for Path Identification in Sub-Optimal Conditions	Toby Baker	Automatic Text Extraction from Documents for Automation
Liam Diprose	Real-time Tracking of Dairy Cattle in a Milking Shed using Mask R-CNN	Wallace Sharpe-Davidson	Autonomous Navigation for the Double Robot
Liam McKee	Guitar Chord Recognition	William Muir	Real Time Analysis of Arcade Machines Captured via Live Recording
Logan Rogers-Jenkins	Real Time Face and Eye Detection for Cosmetic Overlay	Xiaozhou Ye	Virtual Cosmetic Products Trial
Louis Attenborough	Recognising Sliding Puzzle Tiles and Solvability		

2017

Aaron Wilson	Interactive Public Display	Jonty Trombik	Creating a 3D model of a head from reference photos
Albert Nisbet	Capturing a Piano Performance with Vision	Josh Krijnen	3D Pose Estimation of a Dozer Blade
Alex Mosley	Session Based Surveillance in a Room	Josh Nimmo	Pedestrian Avoidance in Construction Sites
Alexander Buckton-Wishart	UAV Navigation	Lakshay Duggal	Card Viewer
Andrew Liang	Interactive Public Display	Logan Glasson	Interactive Smart Mirror
Anthony Yin	Anti-Collision with pedestrians on construction site	Matt Gordon	Ground and Wall Plane Detection
Anton Possegger	Robot Arm Tracking Motion	Matthew Poole	UAV Environment Modelling - analyse fertilizer volume
Ariel Yap	Automatic Face Recognition & Tracking	Neeraj Patel	Automated Piano Technique Tutor
Ben Greenway	Dishes & Culprit Tracker	Nic Christeller	Automatic Playing Card Recognition
Ben Lilburne	Wheeled Chair Vision	Nick Russell	Autonomous Toy Car
Brendan Ward	Camera Tape Measure	Patrick Nicholls	Estimate crop growth with a UAV
Broderick Johnson	Robot Arm Tracking Motion	Rajat Arora	Fast Object Detection using Color Filtering
Cameron O'Keeffe	Electronic Package Identification and Value Recognition	Richie Ellingham	Wheelchair Navigation and Docking
Christian Suppan	Robotic limb tracking in 3D-space	Ryan O'Sullivan	Silo Volume Measure
Cole Dishington	Classify Plants by Species	Sam Donald	Chess Cam
Dale Baker	People Counter	Sam Poulsen	Map logs and terrain below skyline cable
Daniel Catto	Silence of the Birds	Sean Fleck	Fertiliser Stockpile Volume Estimation
David Mackay	Augmented Reality Climb Setting Assistance	Stephen Gilbert	Accurate 3D pose of a dozer blade
Elliot Langdon	Wheelchair Navigation	Stuart Robinson	3D Modelling of Grape Vines using Multiple Depth Cameras
Gordon Beintmann	Accurate 3D model of a grape vine using multiple depth cameras	Thomas Hu	Music score reader
Hamish Christeller	Identification of bouldering holds	Tim Oorschot	Camera tape measure
Hayden McKechnie	Calibrate Robot Arm	Tim Rensen	Tree Pruning UAV: Branch Recognition
Haydn Barber	Calibrate Robot Arm	Udit Sharma	Pedestrian Detection for Collision Avoidance
Isabelle Taylor	CV for CS Field Guide w Tim Bell	Vincent Reilly	Identifying Supermarket Products
James Spicer	Drone Ships	William Haywood	Music Score Reader
James Watson	Motion-Tracking Gorilla Head	Will Richardson	Interactive Space Invaders
Flo Everett	Robotic Follower	Xiran Zhang	3D Motion Control of Avatar
Joel Power	Aerial Survey of Deer Populations	Zac Todd	App to count grapes
Jonathon Garratt	Robot Football (Soccer)		

2016

Aadam Mir, Localization of Pallet Features through Plastic Wrap

Ambrose Warburton, Interactive Virtual Board

Andrew Bell, Computer Vision in the Computer Science Field Guide

Anthony Lefebvre-Allen, Texture Boundary Segmentation of Blood Stains

Anton Van Vugt, Finding Birds in Crop Foliage

Ben Fortune, Underwater Geo-Referencing

Ben Mitchell, Thinning Algorithm using GPU Computing

Bobby Richards, Coaching the Perfect Cover Drive

Bradley Kirwan, UAV Loitering with an RGB-D camera

Bradley Meredith, Augmented Reality Climbs Setting Assistance

Bryn Kingston-Richards, Iris Pattern for Identification of Geckos

Callum Stewart-Ward, SIFT feature mapping and recognition

Divya Saini, Wheelchair Navigation and Slope Detection Using Kinect

Edward Armstrong, Colour & Light Correction of Crop Images from a UAV

Frank Sullivan, Autonomous Kitchen Surveillance System

Geoffrey Irons, Low Ram Centroid Location

Guillaume Payet, Disparity Computation for Wide-Baseline Stereo

Hamish Black, Interactive Display Using Hand Tracking with the Kinect

Haydon Baddock, Assisted Wheelchair Hallway Manoeuvring

Hugh Baird, Body Motion Capture For 3D Animation Using Kinect

Jack Hendrikz, Analysis of Wire Fencing Rolls

Jack Ma, Real-time UAV Collision Avoidance

Jake Campbell, Detection and Size Determination of Volcanic Ash

James Fairbairn, Automatic UAV landing

James Harrison, Proximity UAV Hovering

James Wagner, Football Player Identification and Tracking

Jamie Bowers, Improving pedestrian detection

Jamie Getty, Effects of Multi-threaded Programming on Stereo

Jason Lai, Real Time Face Recognition

Josh Norton, Calculating Dimensions of Feature Points on an Object

Kaan Arik, Hands Free Wound and Skin Lesion Perimeter Detection

Keng-yin Lai, Controlling 3D Avatars Using Kinect

Lachlan McKenzie, Beginner Piano Hand Posture Analysis

Levi Fawcett, Using stereo to calculate material stockpile volume

Logan Chatfield, Analysing Kickboxer Technique with Kinect Skeletal Tracking

Lucas Martins, Recognition of Docking Locations for Electric Wheelchairs

Manpreet Dhanjal, Backswing Position Analysis for Golf

Martin Steinke, Analysis of Blood Spatter from Crime Scenes

Matthew Knox, Self-Aware Standing Desk: Gesture Control

Morgan Powell, Identification of Invasive Biofouling using a Neural Network

Nathan Garry, Parking Space Occupancy Monitoring Using a Low Frame-Rate

Nazanin Hayat Davoudi, Parking valet texter: parking space monitoring system

Nicholas Albers, Visual Tracking of Objects During a Rocket Separation Event

Peiwen Luo, Smart Wheelchair Navigation Through Doorways

Peter Nicholls, Detecting Tramways in Crops for Robot Navigation

Pratik Shrisunder, Piano Tutor – Basic pose of Hand and fingers

Priyesh Jain, Automatic Face Recognition and Tracking

Ran Bao, Computer Vision Algorithms on Graphic Cards

Reo Roy, Collision Prevention of Objects

Ryan Taylor, Object Orientation Calculation using a Depth Camera

Sam Schofield, Visual Odometry for UAV Navigation

Simon Crequer, Guitar String Detection

Simon Jones, Stereo Bird Detection for GPS Positioning

Su Shing Chen, UAV Wall Proximity Lock-on

Tim Brook, Detection and Tracking of Flying Birds

Tim Ilin, Detection of Slouching in Computer and Laptop users

Tim Irving, Coaching the Deadlift Using a Real-time Overlay Feedback with Kinect

Wan Wan Ahmad Sufian, Tracking a Person with Sequence of Cameras

Winston Poh, Automatic Wound Boundary Tracing

Zack McGrath, Settlers of Catan Board Recognition

2015

Andy Xie, Using a Webcam to Transform a Monitor into a Touchscreen

Ben O'Brien, 3D Mapping using Depth From Defocus

Blue Jutanopparat, ME Trainer: for Upper-Body Workouts Using Xbox Kinect

Cade Picard, Hand Gesture Recognition

Callum Scott, Interactive Display Using Hand Tracking

Chen Mao, Automatic Face Recognition and Tracking

Chris Carr, Live video stabilization for use with Cell phones and UAVs

Daniel Hope, Runway and note detection for the computer game Frets on Fire

Daniel Morris, A Novel Approach to Tree Limb Identification

Danny Jung, Interactive Display at Reboot Café: tracking hand movements

David De Jongh, Improving Automated Planar Detection Algorithms from a Single Image

David Sowry, Settlers of Catan Board Layout Recognition

Dylan Mackie, Application of video magnification techniques to cattle

Hayden Jackson, Extendible Edge Detection for Real-time Systems

Jack Linton, Character Detection and Recognition in TV Series

Jamie Spyker, Tracking Birds in Motion

Jeremy Nicholls, Computationally Efficient Visual Odometry Using Kinect

Jialu Li, Colored Object Detection and Tracking

Jie Fan, Motion tracking and movement prediction for a robot arm

Jonathan Avery, Evaluation of 3D Reconstruction Algorithms in a Virtual Environment

Justin Standing, Stateful Carpark Occupancy Monitoring

Mahmoud Abduo, Enhancing Parking Space Monitoring Systems

Marcus Stenfert Kroese-Grigg, A Touch Piano - Improved Paper-actuated MIDI

Matthew Gall, Detecting New Zealand Street Signs

Matthew Stephenson, Methods for Creating 3D Models of Real-World Objects

Matthew Young, Rain Removal from Videos using a Temporal Mode Filter

Michael Lu, 3D Model Reconstruction Using a Series of 2D Images

Michael McAdam, Line Extraction using Saturation Thresholding

Mitchell Dobson, Road Sign Detection and Recognition

Mo Chalabi, Bilingual Number Plate Recognition

Parth Thakur, Third Umpire in Cricket

Rachel Ellena, Gesture Recognition Tracking using a Kinect Sensor

Sam Hasson, Iris Recognition Using Visible Light Images

Scott Spooner, Real-time Collision Detection for UAV Pilots Navigating in Forests

Sean Song, A Method of 3D Object Reconstruction

Stewart Dowding, A Comparison of Facial Recognition Algorithms: Identifying Gender

Taylor Howatson, Vision Based Traffic Light Detection System

Tim Lamborn, Stereo Vision using Low Quality Webcams

Xueshi Zhang, 3D Streaming using Stereo and Kinect

Yuney Lee, Wheelchair Navigation by Real Time Optical Tracking

Zak Hamilton, Tree Trunk Identification and Parametrisation

2014

- Adam Slee, A Study into the Practicalities of Reading a Resistor by Image Processing
- Alex Beatson, Calculating a Vagal Tone Index using Webcam Photoplethysmography
- Andrew Curtis-Black, Computer Control with Hand Gestures
- Anthony Bracegirdle, Autonomously Playing Flappy Bird
- Bastian Jochle-Rings, Locating Moving Objects from a Camera mounted on a UAV
- Bernie Harris, Estimating the Geometric Structure of Interior Scenes
- Brenton Milne, Lighting Independent Image Capture Using The Xbox Kinect
- Bue Bjerre, Optimizing Image Processing using CUDA
- Cain Cresswell Miley, Automated Planogram Compliance Testing
- Campbell Reid-Tait, Calibrating Stereo Web Cameras
- Chris Markham, Automatic Snooker Scoring System
- Cid Gilani, Automatic Face Recognition and Tracking
- Corey Barnard, Estimating positions of Pool balls
- Daniel Glassenbury, Real-time Tracking for Lower Body Flexibility Measurement
- Daniel Lower, Touchscreen Emulation
- Dave Newell, Pears don't float
- Ford Bockman, Solving a Rubik's Cube Using Computer Vision
- George Xian, Controlling Blender's Sculpt Tool using LEAP Motion Controller
- Hugh Bisset, Low Cost Stereo Vision
- James Duley, Tracking for an Autonomous Flying Camera following On-road Sports
- Jared Sanson, Face Replacement Demo using the Kinect Depth Sensor
- Jared Weston, Cricket Batsman Poser
- Johann Reiher, Paper-actuated MIDI
- Jonathan Vaz, Robust Motion Tracking
- Joseph Corbett-Davies, Single-Camera 3D Hand Tracking for Virtual Interaction
- Joshua Chen, Music through Movement
- Laura Grundy, Tracking Spider Retinas
- Matthew Bennett, Stereo Disparity Map inpainting Using Linear Interpolation
- Matthew Edwards, Low-Latency Filtering of Kinect Skeleton Data for Video Game Control
- Michael Gibson, A Robust Visual Heart-Rate Detector
- Michael Nelson, Planar Surface Detection from a Single Image
- Mihir Dhanani, Posture Control Of Unity 3D
- Nathan Park, Development of a Parking Space Monitoring System
- Nicholas Latham, Robust Document Segmentation using Stable Extremal Regions
- Nicole Chim, Classifying movement in surveillance systems
- Ravi Selvaraj, A Dual Purpose Visual Piano Tutor
- Rikki Shimazaki, Perimeter Detection of Burnt Rural Fire Regions
- Sam Easton, A Study on the Face Detection of non-normal Faces to the Image Plane
- Sam Jarman, Optical Character Recognition of Natural Images
- Satyam Sandhu, Automated Kitchen Surveillance
- Scott Kim, Motion Music
- Simon Molenaar, Fish Measurement
- Simone Bebawy, Lip Reading using Kinect Sensor
- Stuart McAdam, Chess move Tracker and Coach
- Stuart Wilson, Robust Pen Tip Tracking
- Swetha Yadamreddy, Smart Ohm
- Thomas Potter, Detecting and Reading Street Signs with Smart Phone Camera
- Tom Harrison, Analysis of Tennis Service Action using Microsoft Kinect Sensor
- Tom Walsh, Stereo Vision as a Collision Avoidance System for Mobile Robotics
- Vincent Crowe, GPU's for stitching various kinds of microscope images
- Zane Barker, A Comparison of Object Recognition Algorithms for Mobile Devices
- Zihua Hong, Music Sheet Format Synchroniser

2013

- Adam Goodwin, Learn Basic Piano Chords, Scales and Fingering
- Alexander Bailey, Tracking of bees using image processing
- Andrew Errington, Music in Motion
- Ashok Fernandez, Air Drums - Collision detection between physical and virtual objects
- Brendan Schwass, Solving a Standing 3x3x3 Rubik's Cube Using Two Webcams
- Brian Goulter, Eye Tracking for Text Message Creation
- Caitlin Duncan, Construct models of rooms from the motion of an iPhone camera (ESR)
- Callum Galbreath, Gaze Tracking Solution Using a Standard High Resolution Webcam
- Carlos Ramirez, Wheelchair navigation
- Chad Oliver, Detection of Text Structure from Scanned Pages
- Chen Chong, Robot Arm Tracking Motion
- Craig Gray, Statistic Tracking System for Snooker and 8-Ball Players
- Daniel Jensen, Monitoring parking spaces
- David James, Gesture tracking for Presentations
- Emma Parish, Stereo webcams
- Francis Baster, Control your computer with hand gestures and a webcam
- George Wareing, Machine usage tracking using face detection
- Hope Reid, Automatic Face Recognition
- Jacob Wang, 2D location and motion tracking of objects using a single camera
- Jamie Schiel, Interactive Art Display for Reboot Café
- Jared Klopfer, Contour based cane detection for 2D vine modelling
- Jason Orchard, Sign Language to Speech Converter
- Jonney Huang, A movement-based Cat Recognition System
- Joshua McCulloch, Feature Emphasis using DFT and genetic algorithms
- Kevin Gong, Multiple Camera Video Delay
- Lofan Chin, Face Replace Improvements
- Marco Politakis, Cricket Batsman Wagon Wheel
- Matt Kokshoorn, Acquiring Depth Information Using a Low Cost Stereo Webcam System
- Matthew Smith, Augment Face Replace Demo
- Michael Gorman, Finding free parking spaces
- Michael Lancaster, Face Replace and GPGPU
- Nick MacDonald, Perimeter and area at ground level of a fire (Tait)
- Nick Wareing, Automatic detection of caries in digital dental x-rays
- Nissanka Weerekoon, Steering a go kart towards a checkerboard target
- Oliver Fisher, Computer vision controlled robotic arm movement
- Paul Davey, Stereo Webcams
- Robin Watson, Face-Hand Association in a Crowd Scene
- Ryan Mitchell, Track the trajectory of a squash ball
- Shasha Yeung, Image Recognition for Rural Fires (Tait)
- Steven Bates, Individual tracking for session based surveillance
- Tasman Marshall, Use of Scanning Laser Sensing to detect obstacles in the path of a UAV
- Tegan Harrison, It all starts with an ace: The biomechanics behind an expert server
- Tim Pomroy, 3D Model Builder
- Tim Smaill, Estimating the Velocity of a Camera Fixed to an Automobile
- Tom Blake, Access Control using Face Detection
- Tony Booth, Trailer Backing Assist
- Tristan Scott, Computer vision aided Circuit Diagram construction
- Victor Wang, Chess move tracking

2012

Adrian Cook	3D Imaging using Kinect camera
Alaeddin Nassani	Kinect as Natural User Interface for Windows 8
Alex Drinkwater	Ground Plane And Drop-Off Detection For Autonomous Wheelchairs Using The Kinect Camera
Alistair Hudson	Tracking Individual Personal in a Group
Amr Dahawi	Visitor Management Systems using real-time face recognition
Andrew Poland	Automated Firearm Detection Using a SIFT Algorithm
Anna Fields	Characteristic-Based Vehicle Identification For Driver Assistance and Collision Mitigation
Brendan Gully	Tracking of Players on a Sports Field for Performance Analysis
Campbell Letts	Human Body Weighted Center of Mass Using Volume Profiles
Chris Manlangit	Automatic Power Line Detection for a UAV system
Daniel Schramm	Recognising UML Class Diagrams Drawn on a Whiteboard
Ellie Rasmus	Normalisation of historical photos to improve face detection
Ewan Coldicott	Vehicle Velocity Estimation Using an Uncalibrated Monocular Camera
Frank Wills	Real-time Hand Tracking for Interaction with Public Displays
Greg Signal	Robust OCR for specific applications on a mobile platform
Jason Motha	Provide Robust Depth Information using Two Inexpensive Stereo Webcams
Joel Harrison	Automatic Face Recognition for User Authentication
Joel Mason	Monitoring an individual's blink rate using the average linear luminosity value
Joshua Gibson	Localization for Autonomous Robot Navigation
Joshua Leung	SwipeArcs – A Real-time Hand Tracking Menu System for Large Interactive Public Displays
Joshua Scott	Public Interactive Displays
Laura King	Robustly tracking the movement of a rock climber's centre of mass
Manoj Kharb	Real Time Face Recognition Using Eigenfaces
Matt Lang	Musical desktop: A webcam piano
Michael McGee	Foreground segmentation for interactive displays
Robin Candy	GPU-Accelerated DIA for Gravitational Microlensing
Sam Corbett-Davies	Physically interactive tabletop augmented reality using the Kinect
Scott Ngan	Dual Iteration Eigenfaces for Improved Facial Recognition
Simon Flowers	Hand Tracking and Gesture Recognition as User Input
Thomas Loudon	Real Time Analysis of Movement Technique using Structured Light
Timothy Hobbs	Mobile Automatic Number Plate Recognition
Zac Frank	Extracting Stave Lines from Music Scores

2011

Simon Barr	stb44	Robot Arm Tracking Motion
Daniel Bentall	djb216	Application Control Through Accurate Finger Tracking
Chris Bloomfield	cjb212	Low Cost Laser Profiler to Produce a 3D Image of a Horses Hoof
Brett Clark	bab72	Face Recognition for Mobile Phone
Chris Deaker	cjd113	A Computer Vision Method of Piano Tutoring, Without the Piano
Devatanu Deka	dde23	Pre-conditioning for low cost visual servoing for a robot arm with an eye-in-hand set up
Myse Elmadani	mae54	Face Replace
Edwin Flores	erp25	Vision-Based Gesture Recognition as an Input Method
Samuel Frei	sjf96	Real-Time Face Recognition using Eigenfaces for use on the iPhone Mobile Platform
Ben Gibson	big13	Real-time kinetic analysis of video using structured light
Will Gittoes	weg18	Robust Monocular Obstacle Detection Using a Hybrid Ground Plane Detection Method
Simon Gow	seg54	Interactive Public Display Game
Regan Gunther	rjg136	Automatic Number Plate Recognition on an Android Smartphone
Jin Hong	jho102	Pet Human Categorisation to reduce the surveillance false alarms
Tracy Jackson	tnj14	Interactive Public Display Game
Henry Jenkins	hvj10	Improved Method of Face Replacement
Josh Jordan	jns44	Using a Skeletal 'stick figure' to track kinematic motion and determining the forces a climber exerts
Tim King	tdk17	3D Model Builder
Joel Koh	jmk35	Music Moves
Kathy Kok	kwk17	Low Cost Stereo Vision with Webcams
Andy Lewis	agl42	Number Plate Recognition at Petrol Stations to Assist in Automation
Bo Li	bli62	Interactive Sport Coaching - Real-time ball tracking
Cheng-Wei Liu	cwl33	Real-Time Face Recognition Using Eigenfaces on Mobile Platforms
Wim Looman	wgl18	Music Moves
Henry Malthus	hwm19	GPU-Accelerated Haar Classification for Face Detection
Forrest McKerchar	frm25	Music to Movement with Computer Vision
Simon McMahon	sgm54	Number Plate Recognition using an Android-powered Mobile Device
Kirstin Middelkoop	kem79	Colour detection and tracking of a moving object with a robotic arm
Ben Norquay	bjn40	Optical Flow to Determine Relative Motion of a Camera in 3D Space
Elijah Phillips	ecp15	Robot arm tracking motion
Simon Richards	scr52	Head Orientation and Translation Tracking with Stereopsis
Sam Sanson	scs53	Real-Time Hand Gesture Recognition for use with an interactive public display
Daniel Scott-Weekly	dwj24	Face Detection and Tracking
Lazar Sumar	lsu36	OpenCV Number Plate Recognition on a Mobile Phone
Matt Tait	mdt45	System for tracking ball trajectory in three dimensions
Peter Tan	xta18	Robotic Arm Tracking Motion
Zachary Taylor	zjt14	Using head orientation to control a mouse
Sean Thomas	skt32	RGB-D Modeling
Wiremu Thomson	wlt17	A Study on a Sphere's Shadow with the Aim of Recovering Camera Pose
Sasha Wang	xhw11	Number Plate Recognition using OpenCV for Public Safety
Che Williams	cbw35	Using Head Orientation to Control a Mouse
Jack Wu	hhw26	Real-time face recognition system on mobile device

2010

- aje58: tracking ball w 2 cams
- amj76: eye detection
- bdy12: CV virtual DJ
- csf24: Hough vine location
- djb207: tailgate detection
- dns23: calibrating stereo
- eld25: piano tutor
- gmw75: barcode edged marker
- ijg20: waterweed detection
- jch231: colour seg board game
- jjo54: iPhone geolocation
- jjp50: sign language
- jls129: guitar transcription
- kbp20: 3D map from stereo
- ljp51: webcam stereo
- lko15: depth from face tracking
- mjs232: Kalman ball tracking
- njd50: track multiple players
- njm82: track gestures
- ohh11: uncurl music scores
- orc13: face track for perspective
- pjc176: robot platform for nav
- plo32: Hough bud location
- pwc40: steam wetness
- rmc113: wheelchair guidance
- sgw35: robot paint
- sjk114: tree growth rings (piths)
- spa77: embedded video delay
- sxc10: colour robot soccer markers
- tma92: iPhone speed gun
- wrp24: tailgate detection
- ysp13: CV air guitar game

2009

- Alex robot soccer
- Alexander wind speed from flag shape
- Ben AR factory maintenance
- Ben stereo footsteps on a plane
- Bertrand stereo from webcams
- Billy music moves
- Bo auto face recognition
- Brian Python CV
- Cam cricket batter poses
- Cass 3D model builder
- Greg ground-plane ball tracking with stereo
- Hamish brain region volumes
- Hamish optical music recognition of staff lines
- HuaQing track ball in 3D with webcams
- Jacky animate avatar from motion capture
- Jun track cycles
- Karl guidance using optical flow
- Kelvin fast ground-plane from stereo
- Matthew interactive floor
- Michael MonoSLAM object avoidance
- Nick parking spaces
- Olgierd optical flow to avoid obstacles
- Paul CV interactions with Second Life
- Robert inverted pendulum robot
- Zhichao face replace

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