



Chris Venables

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17 Shepherds Bush Drive

Kingsley 6026, Perth

WORK EXPERIENCE



Main Roads Western Australia

Intelligent Transport Systems Technician, (ITS Best Practice & Operations, Network Operations) 2017-present

- *Intelligent Transport System management, technical systems subject matter expert and technical project support*
STREAMS, SCATS, FLIR, Addinsight

Graduate Engineer

2014-2017

- SCATS & SVD Team [South Region]
Traffic signal timing optimisation using SCATS and configuration for traffic signal installations and upgrades
- ITS Electrical Planning & Standards Engineer
Design verification for all projects impacting MRWA electrical, street lighting, ITS and traffic signal assets
- Electrical Services Project Delivery Engineer
Project Management of mid-scale electrical road projects
- STREAMS Project Delivery Engineer
Quality validation and transition of electrical field assets to a new central control system
Technical expert for electronic school sign deployment to all schools in Western Australia
- Asset Management Traffic Systems Engineer
Maintenance and operational management of electrical assets and data

Innovation and Research Panel Committee Member

2016

Engineering Cadet

2009-2014

- GatewayWA, Managed Freeways Pilot Project, Traffic Operations Centre, Reid Highway Extension



The University of Western Australia

Engineering Tutor & Finance Tutor, teaching undergraduate classes of 20+ students

2012-2014

Private Tutor

University and high school mathematics, physics and economics personal tutor

2009-2015

EDUCATION

The University of Western Australia

2009-2014

Bachelor of Engineering (Electrical and Electronic Engineering) with First Class Honours

Bachelor of Commerce (Corporate Finance, Investment Finance and Quantitative Finance)

GPA: 6.833 WAM: 84.238

Undergraduate Engineering Thesis

2013

Multirotor Unmanned Aerial Vehicle Autonomous Operation in an Industrial Environment using On-board Image Processing

cjb.io/thesis.pdf

ACHIEVEMENTS

- Main Roads WA Metro Region Certificate of Appreciation 2016
- Main Roads WA Electrical Services Employee of the Month Feb 2016
- Completed Chartered Financial Analyst (CFA) Level I 2015
- Certified Agile DSDM Project Management Practitioner 2015
- Nominated for Excellence in Teaching Award - Tutor 2014
The University of Western Australia Business School
- Western Power Scholarship in Electrical Engineering 2011-2012

SKILLS

- Programming Experience:
C, Python, SQL, Node.js, Assembly, Bash, Batch, Matlab, VHDL, HTML, CSS, Excel
- Currently operate a hobby personal Ubuntu Apache webserver running on a VMware vSphere Hypervisor VM
- Root cause analysis and resolution of technical issues
- Able to run a 3 minute kilometre