

Yap Jian Shen

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EDUCATION

Monash University Malaysia

July 2012 – July 2016

Bachelor of Engineering (Electrical and Computer System)

- WAM : 86.09 || CGPA : 3.97 || H1 First Class Honours
- Awards: JPA Scholarship (Full), Dean's Honour List 2013, 2014, 2015 & 2016 (Faculty of Engineering), Best Final Year Project Award (3rd Place)

EXPERIENCE

Engineering Course Work

- Robotic Design Competition in Carrying Out Specific Tasks
- Analogue Circuit Design, Digital IO and Processor Design / Real Time Operating System Design
- Circuit Controls , Power Engineering
- Telecommunication, Communication Theory, Antenna and Guided Transmission
- Solid State Design
- Optimization and Numerical Method Implemented in Practical Scenarios (Image Processing, Portfolio Theory, Estimation in ARMA models)
- Final Year Project (Computer Vision, Signal Processing, Mathematics)
 - Implementing Computer Vision (Engineering) in Zebrafish Neurobehavioural Research (Medicine)
 - Automation in tracking fish's trajectory and analysing its behaviour
 - Develop a mathematical model that describes the fish behaviour, which can be used by neuroscientist to test and develop new drugs for various diseases

Leadership

Monash University Engineering and I.T. Leadership Program 2014

March 2014 – December 2014

Member

- Organized a Leadership Submit that featured speakers from the industry (General Electric Malaysia, Sunway Construction, CFFRC of Nottingham) who shared their insights and experiences of the globalising industry
- Visited Sunway Construction Headquarters
- Mentored by Mr. Jasbir Singh from Western Digital Malaysia

Rojaks Ultimate Frisbee Club Malaysia

January 2011 – Present

Co-Captain

EMPLOYMENT HISTORY

CloudDesk

December 2015 – February 2016

Intern

- Developed a web application that display and monitor the usage of workstations (local computers)
- Assisted in a project that automates the generation of Window Server 2012 r2's virtual machines (VMs) through a user portal

Monash University

Peer Assisted Study Scheme (PASS) Tutor

March 2015 – June 2015

- Mentoring program aimed at first/second year students to provide support in difficult units. (Signals Processing - Year 2)

Research Assistant

December 2014 – February 2014

- Conducted research work in a project that eventually became my Final Year Project

STRATEQ Group

July 2012 – August 2012

Project Member

- Remotely upgrade service pack of CPU of all Shell Petrol Stations in Malaysia

SKILLS

Language: Fluent in English, Mandarin, Malay, and Cantonese

Technical Skills: MATLAB, C/C++, Microsoft Office, Visual Studio, Verilog, VHDL, Assembly, Machine Code, Eclipse (RTOS), Quartus, PSOC, LabView, HTML, CSS, Javascript/jQuery, PHP, MySQL, Web Development

Personal Strength: Fast Learner, Team Player, Leadership, Excellent Critical Thinking Skills, Efficient

Others Interest & Skills: Competitive Sports (Frisbee), Literature (Writing), Music (Piano), Tutor, Competitive Video Games