# 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
- Analogue and Circuits Design
- Telecommunication and Image Processing
- 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*

**Rojaks Ultimate Frisbee Club Malaysia**                                                    *January 2011 – Present*
*Co-Captain*

## EMPLOYMENT HISTORY

**Dango Digital**                                                                                   *January 2016 – Present*
*Web Developer/ Partner*
- Partner of a company who specialized in building bespoke web applications.
- Strong advocator of Django, a python web framework.

**Astro**                                                                                           *May 2017 – August 2016*
*Contractor – Web Developer*

**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++, Visual Studio, Verilog, Assembly, Machine Code, HTML, CSS, jQuery, React.js, Vue,js, PHP, MySQL, Python/Django
**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