

Ng Shi Kai

EDUCATION

Nanyang Technological University – (Aug 2014 – Current)

Double Degree (Bachelor of Engineering Science & Master of Science in Technology Management) - Computer Science

- First Class Honours (Expected); GPA 4.92 (Cumulative)
- Renaissance Engineering Programme (Premier Scholars Programme targeted at top 2% of cohort)
- Expected Graduation: Jan 2019

Northwestern University – (Sep 2016 – Jul 2017)

Overseas exchange programme part of the Renaissance Engineering Programme

- Full year exchange programme where we will be introduced to the North Western design methodology

HwaChong Junior College – (Jan 2010 – Dec 2011)

- Full Distinction for A 'levels (8 subjects taken in total)
- Singapore Institute of Physics A 'levels Medallist (Awarded to Top 10 scorers of Physics A 'levels in Singapore)

PROFESSIONAL EXPERIENCE

Intern – (Jun 2015 – Jul 2015)

Keppel Offshore and Marine, Offshore Technology Development

- Researched and produced study reports regarding changes to be made in designs. Such reports include research on Dahlander Wiring and Star Transformer
- Tagged along for inspection and FAT (Factory Assurance Test) of Jacking Control Console
- Tagged along for stage 3 jacking trial of an oil rig
- Produced document that summarises current standards' requirement for control panel manufacturing

Intern – (Jun2016 – Sept 2016)

Secu-Ring GmbH

- Interned at a web server and software development company in Berlin, Germany for 3 months
- Helped extended existing web application called "Billing Web Services" to include various new features
- Managed backend API with PHP
- Managed frontend with HTML and Javascript

CO-CURRICULAR ACTIVITIES

Member – Aug 2014 – Current

Nanyang Technological University, Soul Funky

- Participated in weekly dance training classes in locking and popping
- Performed in various events both internal and external

Participant (Runner –up) - Feb 2016

Nanyang Technological University, Startathon2016 - Learn & Play!

- Competition with 20 other teams from various universities to develop technological solutions within 30 hours regarding the theme of education
- Developed a working prototype of our idea for presentation using Javascript and Arduino hardware.

Participant (Most Social Conscious Hack) - Feb 2016

NorthWestern University, Wildhacks 2016

- Competition with other teams from various universities to develop software or hardware projects within 36 hours.
- Developed a working prototype using Arduino and a website and mobile application using Javascript and HTML.

SKILLS

Programming Languages:

- C (Basic), HTML/Javascript (intermediate),

Software:

- Microsoft Office (Basic)

Languages:

- English (Native) and Mandarin (Fluent)