

Khoo Tim Wai

10-09-3A Kiaramas Cendana, Jalan Desa Kiara, Bukit Kiara, 50480 Kuala Lumpur, Malaysia • C: +447517072471 • timwai95@gmail.com

Education

MENG ELECTRICAL AND ELECTRONIC ENGINEERING | UNIVERSITY OF MANCHESTER | 2014-2018

- Result: Second Class Upper (2:1)
- Secretary for 4th year team project to design an autonomous, neutrally buoyant, tethered UAV. Responsible for research and design of wireless communications. Extra responsibilities included writing meeting agendas and minutes with project supervisors, and being the first barrier of communication between team supervisors, and project sponsors.
- Awarded a first class grade for 3rd year individual project, detailing the effects of heterogeneous networks on the area spectral efficiency of wireless mobile networks. Project required intensive research on the latest generation of mobile networks, use of MATLAB, and an in-depth understanding on wireless signal propagation properties.
- Core modules include Java programming, Circuit Analysis, Digital Systems Design, Control Systems, Electronic Circuit Design, Engineering Analysis, Data Networking, Concurrent Systems, Digital Mobile Communications.

A-LEVELS | TAYLOR'S COLLEGE SRI HARTAMAS | 2013-2014

- Mathematics (B), Physics (B), Chemistry (B)

SIJIL PELAJARAN MALAYSIA | WESLEY METHODIST SCHOOL KUALA LUMPUR | 2008-2012

- English (A+), Mathematics (A+), Additional Mathematics (A+), Physics (A+), Biology (A), Chemistry (A), Moral Studies (A), ICT (A), History (B+), Malay Language (B)

Work Experience

INTERN | MALAYSIA SME | JULY 2017 – AUGUST 2017

- Secured over RM300,000 in value from investing companies, through personal engagement.
- Increased efficiency by 20% when leading a team of 4 colleagues in engaging over 600 clients during an event organization, through strong coordination and effective utilization of Microsoft Excel.
- Represented and developed company's presence nationwide by taking part in events and forums; new investors for the company were also approached through these events.

PART TIME CREW | GOSH PROMO UK | SEPTEMBER 2016 – SEPTEMBER 2017

- Successfully promoted brand presence among university students with enthusiastic and driven public engagement.
- Maintained disciplined conduct and professionalism throughout the duration of the work shift.

INTERN | PULSE SOUNDWORKS | OCTOBER 2011 - NOVEMBER 2011

- Ensured customer satisfaction by independently dealing with requests in an effective manner, and maintaining company standards.
- Maintained company standards by ensuring all equipment was set up accordingly and documents were filed in an orderly manner.

Positions of experience

STUDENT REPRESENTATIVE | STUDENT-STAFF LIAISON COMMITTEE (SSLC) | 2017-2018

- Increased overall student satisfaction of the school's cohort by raising issues encountered by the student body, to the school faculty, and resolving addressable issues.
- Actively compiled feedback from students into useful evaluations on the current state of affairs, such as the quality of lectures; voiced evaluations gathered to the SSLC chair.

TALENT MANAGEMENT | AIESEC MANCHESTER | 2015-2016

- Fostered closer relations between society members, as well as other society branches in the United Kingdom by coordinating various social events.
- Assessed and analyzed the potential of prospective new members by conducting rigorous interviews.
- Personally engaged with current members, discussing and providing solutions to general or personal issues being faced by them, and providing support for them to achieve their goals.

BOARD MEMBER | INTERACT CLUB OF WESLEY METHODIST SCHOOL | 2011-2012

- Spearheaded an annual charity event that raised a total of RM67,400, the largest amount in the previous 2 years, which involved collaborating with the local government for permission to host the event at a public park.
- Conducted and supervised over 30 hours of free tuition at a local care center for underprivileged children.
- Organized multiple humanitarian workshops and events such as a volunteering excursion to cleaning and helping at a care home.

ASSISTANT TROOP LEADER | SCOUTS SOCIETY OF WESLEY METHODIST SCHOOL | 2011-2012

- Successfully raised club activity and member participation by facilitating camping expeditions and in-school events.
- Established social relations with scout members from other schools by organizing a joint-venture camping excursion.

Skills and Abilities

Programming languages

- Python
- C
- Java
- JavaScript
- HTML5
- CSS (Cascading Style Sheets)

Software

- MATLAB
- Altium Design
- Solidworks
- Simulink
- LabVIEW
- Microsoft Office (Word, PowerPoint, Excel)

Interests

- Self-learning new programming languages and coding such as HTML5, JavaScript, CSS.
- Athletics, including running marathons. (Greater Manchester Marathon 2016)