AARON LOW WENG SOON

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Education & Qualification

Imperial College London - Electrical and Electronic Engineering (MENG 4YFT)   **Oct 2014 – Jun 2018**
- **1st Year –** 1st class honours
- **2nd Year –** 1st class honours (Dean's list)
- **3rd Year –** 1st class honours

Module topics include: Linear Algebra, Probability and Stochastic Processes, Software Engineering, Algorithms and Complexity, Computer Architecture, Machine Learning, Signal Analysis and Processing, Control Engineering, Optimisation, Parallel Computing, Computer Vision

HELP University College, Kuala Lumpur, Malaysia   **Jan 2013 – Jun 2014**
- **Edexcel A-levels:** Chemistry (A*), Physics (A*), Mathematics (A*), Further Mathematics (A*)

Work Experience

Copywriter at Aladdin Street Malaysia   **Sept 2017**
- **Experience:** Campaign development, digital marketing and advertising, copywriting for banners and social media posts, graphic design

Software Engineer Intern at Materialise Malaysia   **June 2016 – Sept 2016**
- **Projects:** Development of Drawing Application and Command-Line Interface Tool. Modification of 3D Modelling Software (3-matic ACE). Batch scripting and unit testing
- **Experience:** Large-scale object-oriented C++ (MFC) and C# software development, agile software development, UML design, application of SOLID principles and design patterns, team work

Solution Architect Intern at Accenture Malaysia   **Aug 2015 – Sept 2015**
- **Project:** Development of front end retail system (Maxis iSELL)
- **Experience:** Designing solutions to bug fixes and user change requests, user interface design, system analysis and testing, team work

Projects

Imperial College London EEE Final Year Project   **2018**
- Depth to Colour Translation for 3D Hand Pose Estimation from RGB With Generative Adversarial Networks

Imperial College London EEE 3rd Year Project   **2017**
- Autonomous Snack Delivery Android (ASDA) (Development of robot navigation)

High Level Programming Assignment   **2017**
- ARM7TDMI assembler and simulator in F#

IC Hack 17   **2017**
- Emotion matching game using Microsoft Cognitive Services (Runner-up "Best Game") (C# developer)

Imperial College London EEE 2nd Year Project   **2016**
- Brain Computing Interface for the physically disabled (Python developer)

IC Hack 16   **2016**
- Parking space detection service (Awarded "Best use of Amazon Web Service (Cloud)") (Web developer)

Extracurricular Activities

Comedy Society of Imperial College London - Secretary   **2017 - 2018**
Imperial Horizons Creative Writing – Merit   **2016**
Undergraduate Teaching Assistant at Imperial College London – Intro to Computer Architecture   **2016**
Game Development Society of Imperial College London - Co-founder & Secretary   **2015 - 2018**
HELP Tabletop Society - Co-founder & Vice-President   **2013**

Skills

Languages: English (native), Malay (intermediate)
Programming: C/C++, MFC, C#, F#, Python, TensorFlow, ARM Assembly, HTML5, CSS3, JavaScript, MATLAB, LaTeX
Software: Photoshop, Unity, Microsoft Word, Microsoft Excel, PowerPoint
Interests: Breakdance**,** Juggling, Comedy, Illustration, Game development

Last updated: 30 June 2018