

## Curriculum Vitae of Aaron Low Weng Soon

# AARON LOW WENG SOON

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### Education & Qualification

**Imperial College London** - Electrical and Electronic Engineering (MENG 4YFT)

**Oct 2014 – Jun 2018**

- **1<sup>st</sup> Year** – 1<sup>st</sup> class honours
- **2<sup>nd</sup> Year** – 1<sup>st</sup> class honours (Dean's list)
- **3<sup>rd</sup> Year** – 1<sup>st</sup> class honours
- **Final Year** – 1<sup>st</sup> class honours (predicted)

**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

**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 3<sup>rd</sup> 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 2<sup>nd</sup> 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