

Christopher Gunadi

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Education

MEng Computing, Imperial College London

October 2017 – Present

Modules include: Programming (Haskell, Java, C), Graphs and Algorithms, Computer Architecture, Reasoning about Programs, Databases

- First class average

Concord College, Shrewsbury

September 2015 – June 2017

A levels (**4A*s, 1 distinction**): Maths, Further Maths, Physics, Economics, AEA Maths.

Singapore School PIK, Jakarta

July 2006 – June 2015

IGCSE (**10A*s**): English, Chinese, Indonesian, Additional Mathematics, Extended Mathematics, Chemistry, Physics, Biology, Economics, Information Communication Technology.

- Awarded highest mark in Indonesia for IGCSE Extended Mathematics.
- First honours and valedictorian at 9th and 10th grade.

Experience

Work shadowing – UOB Bank Indonesia

August 2016

- Worked alongside the SIS (Shared Infrastructure Services) and learnt how to effectively rectify internal IT problems and fulfil IT requests.

Work shadowing – MSIG Insurance Indonesia

July 2016

- Worked alongside an actuary and gained insight to the insurance industry.
- Studied how actuaries utilise past claims data to produce a claims triangle report used in the projection of future claims.
- Formulated my own triangulation table by extracting raw data and implementing Excel functions.

Projects

Calorie Camera (Health Hack 2018)

March 2018

- Built an Android app that utilises Microsoft's Computer Vision API to identify different food objects and its estimated calories.
- Designed the app logo and the user interface.

Fire (IC Hack 2018)

January 2018

- Built a simple Android 2D shooting arcade game with voice-activated controls using Java.
- Contributed to designing the logic of the game and designing the game screen interface.

Skills

- **Programming Languages** – Haskell, Java, Python, C, HTML
- **Tools** - Linux (Ubuntu), Windows, Mac OS, Git, Bootstrap
- **Languages** - English, Indonesian, Chinese (basic)

Voluntary work

Volunteer – UNICEF UK

January 2017 – October 2017

- Fundraised £500 and ran the Royal Parks Half Marathon to support UNICEF's mission.

Volunteer – Volunteer Cambodia

February 2015

- Taught English, Mathematics and IT at Wat Sway primary school, Siem Reap.