Christopher Gunadi
+447984972269 | christophergunadi98@gmail.com | https://www.linkedin.com/in/christophergunadi

Education

Imperial College London (MEng Computing)   *October 2017 - Present*

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

- First year: First-class average
- Extracurricular: Facebook Hack-a-Project • Active member of Indonesian Society and Badminton Society

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**)

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

Projects

Pi-ano (ARM Group Project)   *June 2018*

- Developed an ARM emulator and assembler from scratch using C.
- Designed an interactive musical keyboard for the Raspberry Pi using LEDs, buttons and a GUI to teach users how to play simple melodies.

Calorie Camera (Health Hack 2018)   *March 2018*

- Android app coded in Java that identifies and displays nutritional content of various food items from phone's camera using Microsoft's Computer Vision API.
- Designed the app logo and user interface.

Fire (IC Hack 2018)   *January 2018*

- Simple Android 2D shooting arcade game with voice-activated controls using Java in Android Studios.
- Designed the logic of the game and the game's user interface.

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*

- Studied how actuaries utilise past claims data to produce a claims triangle report used in the projection of future claims.
- Formulated triangulation tables by extracting raw data and implementing Excel functions.

Skills

- **Programming Languages** –Java, Python, C, Swift, Haskell
- **Tools -** Linux (Ubuntu), Windows, Mac OS, IntelliJ IDEA, Git, Bootstrap, HTML5, CSS3
- **Languages -** English (fluent), Indonesian (fluent), Chinese (intermediate), Japanese (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.