

Jasmine Quah

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| Website: jasminequah.github.io | GitHub: [jasminequah](https://github.com/jasminequah) | LinkedIn: [jasminequah](https://www.linkedin.com/in/jasminequah) |

Technical Skills

Programming Languages:

Java (inc. Android SDK)

Haskell

D3.js

Tools & Technologies:

Linux (Ubuntu)

Windows

Git

Unity

Bootstrap

HTML

CSS

Photoshop CC

Able to pick up new languages and tools quickly and effectively.

Awards & Achievements

IET Diamond Jubilee Scholarship Winner

(2017)

Scholarship recipient, supported by BT

Year 13 Prize for Mathematics

(2017)

Tiffin Girls' School

Gold CREST Award

(2016)

Achieved for 70+ hours project work in Engineering Education Scheme

Engineering Education Scheme

(2016)

Collaborated on a six-month engineering project to research, prototype and evaluate deep sea pipeline designs, and produced a report.

KS4 Computer Science Award

(2015)

Tiffin Girls' School

Other Skills & Interests

Languages:

English (Fluent)

Mandarin (GCSE)

French (GCSE)

Hobbies:

Piano (Grade 8) · Art · Badminton

Education

Imperial College London

MEng Computing (September 2017 – 2021)

Course modules: Programming · Discrete Structures · Logic · Hardware · Architecture · Reasoning about Programs · Graphs and Algorithms · Databases · Ethics in Computing · Computing Topics

The Tiffin Girls' School

Secondary School (September 2010 – August 2017)

A Level: 4 A*s in Mathematics, Further Mathematics, Physics, Economics

AS Level: 2 As in Computing, Art

GCSE: 10 A*s and 1 A

Other: Grade 2 in STEP Mathematics

Experience

Tiffin Girls' School | Technical Support Officer

Sept 2016 – August 2017

- Responsible for operation and organization of sound/light equipment.
- Liaised with staff requiring technical support during important events.

University of Southampton | Computing & Microelectronics Course

1st August – 5th August 2016

- Designed, built, and programmed an autonomous robot to navigate an arena and pick up boxes using QR codes for navigation.

IBM Hursley (Emerging Technologies) | Work Experience

27th July – 8th August 2015

- Completed an interactive data visualisation project in D3.js showing the journeys of staff across the globe with information about dates and reasons for travelling also displayed.

Projects

Fire (IC Hack 18) | 27th – 28th February 2018

- Voice and touch-controlled Space Invaders-style game, written in Java.
- Responsible for implementing voice and touch capabilities, as well as helping to set up the user interface.
- Learnt to request user permissions, process audio using Java libraries, and use Android Studio & Emulator for development and debugging.

Calorie Camera (IC HealthHack 18) | 17th – 18th March 2018

- Detects and displays nutritional content of food using phone camera.
- App written in Java using Microsoft's Cognitive Services Custom Vision API and TensorFlow.

Volunteering & Tutoring

Tiffin Girls' School | Physics & Art Tutor

Sept 2016 – August 2017

St Luke's C of E Primary School | Volunteer Tutor

1st August – 5th August 2016

Aided teachers over 4 weeks with lessons and led classroom activities.

Oxfam | Volunteer

27th July – 8th August 2015

Volunteered for 6 months, taking on many responsibilities and jobs, learning to multitask and interact with a variety of different customers.

British Red Cross Japan Earthquake & Tsunami Appeal | Fundraising

Organised a charity run and raised £181.