

# Xinli (Jack) Huang



Mobile Phone: 027 894 7555



Email: [huangxjack@gmail.com](mailto:huangxjack@gmail.com)



GitHub: <https://github.com/j-x-huang/>



LinkedIn: <https://www.linkedin.com/in/jack-x-huang/>

## PERSONAL STATEMENT

I am currently a final year Software Engineering student at the University of Auckland. I have a passion for exploring emerging technologies and embracing new challenges. I am driven to create innovative and inspiring software that can make a positive impact on people's lives.

## EDUCATION

### Bachelor of Engineering (BEng)

Software Engineering

Overall GPA: 7.875/9 (A average)

University of Auckland

2015 – 2018

### CIE A-Level

Westlake Boys High School

2013 – 2014

## SKILLS

### Languages (from most experienced to least):

Java, Kotlin, Javascript, C#, Python, C, SQL

### Web:

AngularJS, NodeJS, React, Bootstrap, jQuery, HTML, CSS

### Operating System:

Windows, Linux, Android

### Systems:

Azure, Blockchain

### Other:

Git, Bash, Docker

## ACHIEVEMENTS

- 2018 Dean's Honour List
- 2018 Runner-up SE764 Best Project

## INTEREST

- Basketball
- Table Tennis
- Novels

## REFERENCES

Available upon request.

## EMPLOYMENT HISTORY

### Teaching Assistant | University of Auckland

November 2018 - Present

- Helped tutor students enrolled in the Postgraduate Certificate in IT programme.
- Taught students about Java fundamentals, object-oriented programming principles and web development.

### Software Developer Intern | IAG New Zealand

December 2017 – March 2018

- Designed and implemented a blockchain for managing the insurance supply chain.
- Deployed the blockchain network on the Azure cloud.
- Implemented a Web API and Web App for interacting with the blockchain nodes.
- Participated in a Hackfest with leading Microsoft blockchain developers.

## PROJECTS

### MedBloc – Blockchain for the NZ Healthcare System<sup>Ⓢ</sup> | 2018

- A Shared Electronic Health Record (EHR) system implemented using blockchain technology.
- It stores encrypted health records on the blockchain and it can capture patient's consent.
- This was my Engineering Part IV project which spanned over two semesters (8 months).

### Awards Nomination App<sup>Ⓢ</sup> | 2018

- Web app, made using React, which enables staff members to nominate other staff members for a variety of awards.
- Followed Agile practices (Scrum), including daily stand-ups, sprint planning, sprint reviews and sprint retrospectives.

### Banking Chatbot<sup>Ⓢ</sup> | 2017

- A chatbot made using the Microsoft Bot Framework, LUIS (a natural language processor) and NodeJS.
- Chatbot helps users with everyday banking, such as viewing balances, opening accounts, transferring money and more.

### Space Crisis<sup>Ⓢ</sup> | 2017

- This is a puzzle-platformer game made using Unity 3D. The player solves puzzles and riddles to improve their critical thinking skills.

### Task Scheduler | 2017

- This is an application which determines the optimal way to schedule a program on a multi-core CPU.
- Written in Java; it uses a best-first search algorithm to find the optimal schedule for the program.