

Jason Yao

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Education

University of Auckland **Bachelor of Engineering (Honours)**

- Specialising in **Computer Systems Engineering**
 - Major GPA

2017-Present

7.2

Experience

Crown RTC – Software Engineer

2019/20

- Develop path finding algorithms for a robot using **Python**
- **Visualize** and extrapolate location with **ROS** (Robotic Operating System)
- Utilize test driven development and **continuous integration**

MiMOMax Wireless – Software Engineer

2018/19

- **Upgrade** outdated Selenium automated testing scripts
- Create new test scripts using **PHP** for smooth product integration
- Collaborate with team to smoothly roll out upgrade package

Hewlett Packard – Marketing and Hardware Specialist

2017/18

- Solve problems for customers with HP hardware problems
 - Reach a \$10,000 weekly sales goal
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Skills and Attributes

- **Programming** in **Python, C++, Java, VHDL, PHP, JavaScript, CSS, ReactJS, HTML**
 - **Automated testing** with **Selenium**
 - **Robotic processes and interfacing** with **ROS**
 - **Analogue circuits** design in Altium, LTSPICE
 - **Computer-Aided Design creation** in Rhino, Creo
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Extra-curricular

UniCalender

2020-Present

- Develop a schedule planning application for mobile using **React**
- Survey students and collaborate with them when implementing features

Mobile Game development

2019

- Create a game using **Unity**
 - Script in-game events with **C#**
 - Prototype a side scrolling action game with RPG elements

Table Tennis

2016/17

- **Lead** a singles and doubles team in a regional tournament

Volunteering at Westfield for Christmas – Present wrapping

2017

Interests

Building computers

2012-Present

- Source parts and create a computer for local customers

Developing mobile and web applications

Flute – Big band and Orchestra

2010-Present

Game development processes

Awards and Achievements

Compsys 301 line following robot – **First place** group

2019

Enggen 303 systems week group project – **Top 5%**

2019

University Creo modelling competition – **Merit**

2017

Top HP in-store laptop salesman

2017

ICAS mathematics – Distinction

2013/14/15