

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 self-pathing algorithms for a robot using Python
- Interface the robot's movement and positions with ROS
- Utilize test driven development and agile methodologies

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- Upgrade outdated Selenium automated testing scripts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
- Collaborate with students to find out their preferences

Mobile Game development

2019

- Create a game using **Unity**
 - Learn C# while creating a product
 - Create a game that reaches a targeted audience

Augmented Reality Project

2018

- Create a program to aid real estate agents in their sales
 - Project an AR house to show clients

Table Tennis

2016/17

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

3rd Place

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

2010-Present

Gaming and game creation

Awards and Achievements

Top group overall for line following robot – Compsys 301

2019

Creo university modelling competition – Merit

2017

Top HP in-store laptop salesman

2017

ICAS mathematics – Distinction

2013/14/15

References

Yakir Matusovsky (Employer)

Software team leader

MiMOMax Wireless

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Tim Fanselow (Supervisor)

Senior Software Engineer

Crown RTC

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