

CHUA HUI SHUN

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An aspiring software engineer with a cross-disciplinary mechanical engineering and management background

EXPERIENCE

DataRobot

Engineering Intern
Jun 2019 – Aug 2019

- Designed and developed end-to-end application that automates testing of DataRobot's new feature and helps users visualise test results
- Worked with data engineers in different domains from many different countries
- Learnt and implemented good coding practices

Aleph

UI/UX Tech Intern
Jun 2018 – Aug 2018

- Coded mobile-responsive web templates from scratch using HTML5, CSS and JavaScript
- Worked with designs uploaded to Zeplin

42Race

Operational Intern
Jan 2017 – May 2017

- Made wireframe and prototyped the User Interface of 42Race's new website (web.42race.com)
- Developed systems to optimize operational processes for tracking delivery status and inventory levels
- Led internal operational processes including hiring part-time workers, product packaging, data entry, mailing of products and supporting customer enquiries

EDUCATION

Nanyang Technological University

Renaissance Engineering Programme
2017 – present

- B.Eng. (Mechanical Engineering) & M.Sc. (Technology Management)
- Current cGPA: 4.85 (Expected First Class Honours)
- Expected date of graduation: Dec 2021

Hwa Chong Institution (College)

Bicultural Studies Programme
2015 – 2016

- 7 Distinctions in A levels
- Edusave Awards for Achievement, Good Leadership and Services (EAGLES)
- Vice President of Public Announcement/Audio Visual Aid (PA/AVA) Club
- 2nd Placing in National Interschools Track & Field Championship (Javelin)

SKILLS & INTERESTS

Languages



Python *Pytest*
Flask, Django



JavaScript *Jest*
VueJS, ReactJS, ReactNative, NodeJS



MATLAB

Collaboration



Github



Git

Database and Content Management



mongoDB



Firebase



Wordpress

Design and Prototyping



Figma



SOLIDWORKS



Zeplin

DevOps



Jenkins

ACHIEVEMENTS

Learning Innovation Challenge

Merit Prize

- Co-created solutions that will help the Civil Service College redefine the learning experience for public officers and help them learn better