

Winston Lim

YEAR 2 COMPUTER ENGINEERING UNDERGRADUATE · SOFTWARE ENGINEERING INTERN

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Education

National University of Singapore

COMPUTER ENGINEERING UNDERGRADUATE (YEAR 2)

Cumulative CAP: 4.33

Singapore

Aug 2021 - Present

Technical Skills

Experienced Languages	TypeScript/JavaScript, HTML/CSS, C/C++
Familiar Languages	Python
Frameworks/Stacks	NextJS, GraphQL, PostgreSQL, MERN
Tools	Docker, Kubernetes, Jest

Experience

Bossjob.PH

SOFTWARE ENGINEER INTERN (NEXTJS, REACT, PHP)

- Currently building the upcoming BossJob 2.0 platform.

Singapore

May, 2022 - Present

Bossjob.PH

SOFTWARE ENGINEER INTERN (REACT, DJANGO, FLASK)

- Bossjob connects small medium enterprises with pre-screened experienced professionals at a fraction of traditional headhunting cost
- Frontend: Worked on the admin management portal for various services
- Backend: Worked on various feature requests across multiple services and frameworks

Singapore

Sep. 2021 - Nov. 2021

Carrington RHT Wealth

SOFTWARE ENGINEER INTERN (REACT, POSTGRESQL, FASTAPI, GINO)

- RHT Real Estate is a consultancy firm that provides various realty and valuation services
- Worked on building a virtual management system (VMS) to automate/expedite the creation and backing up of property valuation reports
- Frontend: Worked with react hooks and components, error handling and population and data sanitization/validation
- Backend: Contributed to designing of schemas and creating endpoints/migrations

Singapore

Apr. 2021 - Jun. 2021

Projects

S.U Hacks (<https://github.com/winston-lim/sg-uni-hacks-server>, <https://github.com/winston-lim/sg-uni-hacks-web>)

NEXTJS, URQL, GRAPHQL, TYPEORM, POSTGRESQL

- S.U Hacks is a reddit clone - a categorised collection of posts that users can create, view, and like/archive
- Frontend: implemented searching/sorting of fetched data, cursor pagination, cache updates and error handling
- Backend: implemented cookie authentication, batch loading, file uploads to s3 and wrote extensive tests

Singapore

June 2021 - August 2021

Project Alex (<https://github.com/winston-lim/alex-rpi-uno>)

C++, ARDUINO, LIDAR, RASPBERRY PI, ROS

- Project Alex was completed as part of a module in NUS Computer Engineering titled "Engineering Principles and Practice II"
- Alex is a prototype for a search-and-rescue robot that runs on built-from-scratch software libraries for serial communication, navigation and controls that were written in bare-metal
- Worked with ROS to facilitate communications across a series of embedded microcontrollers - Arduino Uno, RPi 3 and LIDAR

Singapore

Jan 2022 - May 2022