Winston **Lim**

YEAR 2 COMPUTER ENGINEERING UNDERGRADUATE · SOFTWARE ENGINEERING INTERN

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Education

National University of Singapore	*Singapore*
COMPUTER ENGINEERING UNDERGRADUATE(YEAR 2)	*Aug 2021 - Present*

Technical Skills

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

Experience

Bossjob.PH *Singapore*
SOFTWARE ENGINEER INTERN(NEXTJS, REACT, REDUX SAGA, SCSS) *May. 2022 - Present*
- Bossjob connects small medium enterprises with pre-screened experienced professionals at a fraction of traditional headhunting cost
- Built performant and intuitive user-interfaces for the BossJob 2.0 platform.
- Ported over current features from the current version while while improving building new features and optimizing performance(core web vitals)

Bossjob.PH *Singapore*
SOFTWARE ENGINEER INTERN(REACT, DJANGO, FLASK) *Sep. 2021 - Nov. 2021*
- Bossjob connects small medium enterprises with pre-screened experienced professionals at a fraction of traditional headhunting cost
- Worked with React to build user-interfaces for various services
- Developed newer features by defining API endpoints for various services

Carrington RHT Wealth *Singapore*
SOFTWARE ENGINEER INTERN(REACT, POSTGRESQL, FASTAPI, GINO) *Apr. 2021 - Jun. 2021*
- 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
- Worked with React to build an ecosystem for creating and managing automated property valuation reports
- Contributed to designing of schemas and creating endpoints/migrations

Projects

S.U Hacks *(https://github.com/winston-lim/sg-uni-hacks-server, https://github.com/winston-lim/sg-uni-hacks-web)* *Singapore*
NEXTJS, URQL, GRAPHQL, TYPEORM, POSTGRESQL *June 2021 - August 2021*
- 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

Project Alex *(https://github.com/winston-lim/alex-rpi-uno)* *Singapore*
C++, ARDUINO, LIDAR, RASPBERRY PI, ROS *Jan 2022 - May 2022*
- Project Alex was completed as part of a Computer Engineering module in NUS 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