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

Experience

Binance   *Singapore*
FRONTEND SOFTWARE ENGINEER INTERN (NEXTJS, REACT, REDUX)   *Dec 2022 - Present*

- Binance is the world's leading blockchain and cryptocurrency infrastructure provider with a financial product suite that includes the largest digital asset exchange of value over billions a day
- Currently in Payments team under the Card and Payments Business Unit contributing to various Payment related web projects along with internal libraries/tools

Bossjob.PH   *Singapore*
SOFTWARE ENGINEER INTERN (NEXTJS, REACT, REDUX, DJANGO, FLASK)   *May. 2022 - Jul. 2022*

- Bossjob connects small medium enterprises with pre-screened experienced professionals at a fraction of traditional headhunting cost
- Contributed ideas to and developed the Bossjob 2.0 platform(*http://bossjob.ph*) which has over 2 million registered users and growing
- Built performant and intuitive user-interfaces for Bossjob 2.0 using React
- Developed newer features by defining API endpoints for existing services to support various operations

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
- Designed and developed an ecosystem for managing and creating automated property valuation reports using React
- Designed schemas and defined endpoints on various services to support the ecosystem operations

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

Personal Website (*https://winston-lim.com*)   *Singapore*
NEXTJS, REACT, CHAKRAUI   *Jul 2022 - Jul 2022*

- Minimalist personal website