

Winston Lim

YEAR 2 COMPUTER ENGINEERING UNDERGRADUATE · ENGINEERING@BINANCE

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Education

National University of Singapore

COMPUTER ENGINEERING UNDERGRADUATE(YEAR 2)

Singapore

Aug 2021 - Present

Relevant Coursework:

- CG2111: Computer Engineering Principles and Practice (A)
- CS2030: Object-Oriented Programming in Java (A)
- CS2113: Software Engineering (A-)
- CS2102: Database Systems (A-)

Technical Skills

Experienced Languages C/C++, TypeScript/JavaScript, Java, SQL, HTML/CSS

Familiar Languages Python

Frameworks/Stacks NextJS, GraphQL, PostgreSQL, MERN

Tools Docker, Kubernetes, Jest

Experience

Binance

Singapore

FRONTEND SOFTWARE ENGINEER INTERN(SHUVIJS, 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
- Under the Card and Payments Team contributing to Payment projects and internal libraries

National University of Singapore(NUS)

Singapore

UNDERGRADUATE TEACHING ASSISTANT(TA)

Jan. 2023 onwards

- Teaching assistants are involved in preparing and conducting weekly tutorials and providing additional support to students
- CS2030: Introduction to Object-Oriented Programming in Java

Bossjob.PH

Singapore

SOFTWARE ENGINEER INTERN(NEXTJS, REACT, REDUX, DJANGO)

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 using React
- Supported new features by developing endpoints in existing backend 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 digitize processes relevant to property valuation reports
- Worked with React to support data input and sanitization and graceful error handling
- Contributed to the design and development of services to support features

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 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 and extensive unit testing

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 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