Winston **Lim**

Year 2 Computer Engineering Undergraduate · Engineering@Binance

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Education

National University of Singapore — *Singapore*

Computer Engineering Undergraduate(Year 2) — *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*
- Under the Card and Payments Team contributing to various payment projects
- Documented key parts of internal libraries shared by all of Binance's frontend projects
- Worked on reworking the entire onboarding flow for Binance Merchants (`http://merchant.binance.com`) for product growth

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*
- Developed the Bossjob 2.0 platform (`http://bossjob.ph`) which has over 2 million registered users and growing
- Built intuitive user interfaces with reusable and performant React components
- Researched and tested ways to improve core web vitals and search engine optimizations
- Contributed ideas to improve development workflows such as improving the quality of code reviews with PR templates

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
- Developed a pilot system that comprises multiple platforms to digitize the entire workflow of a property valuation
- Built user interfaces that support complex business logic involving data sanitization and graceful error handling

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