

WINSTON LIM

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EDUCATION

National University of Singapore

Aug 2021 - Present

Bachelor of Computing

Computer Engineering Major (Year 2)

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

WORK EXPERIENCE

Binance (Payments), Frontend Engineer Intern (Shuvijs, React, Redux, Zustand)

Dec 2022 - Present

- Wrote documentations for key parts of internal libraries shared by over 100 of Binance's projects
- Drafted improvements and developed new onboarding flow for Binance Merchants (<http://merchant.binance.com>) for higher user conversion, Q1 2023 KPI

National University of Singapore(NUS), Undergraduate Teaching Assistant

Jan 2023 - Jan 2023

- Managed and collaborated with other tutors to conduct weekly tutorials for a class of 20 students
- Taught module(s): CS2030 Introduction to Object Oriented Programming in Java

Bossjob.PH, Software Engineer Intern (Nextjs, React, Redux)

May 2022 - Jul 2022

- Developed the Bossjob 2.0 platform (<http://bossjob.ph>) used by 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 SEO
- Led proposal for development workflows improvements such as using PR templates to improve quality of code reviews

Carrington RHT Wealth, Software Engineer Intern (React, Fast API, Postgresql)

Apr 2021 - Jun 2021

- Designed a pilot system comprising multiple platforms to digitize complete workflow of creating a property valuation report
- Built user interfaces involving complex business logic with React components

- Collaborated with senior engineer to design various backend schemas and implemented API endpoints

PROJECTS

Project Alex, Firmware Developer

Jan 2022 - May 2022

- Led a team of 3 other members as part of a module in NUS Computer Engineering titled "Engineering Principles and Practice II"
- Prototyped and constructed a search and rescue robot running on self-written libraries for serial communication, navigation and controls written in bare metal
- Integrated with ROS to facilitate communications across a series of embedded microcontrollers such as Arduino Uno, RPi 3 and LIDAR

S.U Hacks, Fullstack Developer

Jun 2021 - Aug 2021

- Designed a forum of categorized "university hacks" that users can create, view and like/archive "hacks"
- Implemented searching/sorting of fetched data, cursor pagination, cache updates and error handling on frontend
- Wrote features such as cookie authentication(JWT), batch loading, file uploads and extensive unit testing on backend