

Lee Jia Jie

CS major studying software engineering and cybersecurity



mkofdwu



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Education

NUS High School Diploma (High Distinction, 4.8 CAP) with Honours in Mathematics and Computer Science, and Majors in Chemistry and Physics

Non-graduating courses in NUS: CS2100 Computer Organization, CS2106 Operating Systems

Work experience

Developer Intern @ STUCK Labs (May 2022 – Jun 2022)

↳ Worked on an iPad sketching app, implementing pages and integration with Miro's API.

Intern @ Bioinformatics Institute (Nov 2022 – May 2023)

↳ Worked on a deep learning model for prediction of anti-microbial peptides, and built on previous research, PepGAN.

Projects

Tour booking website (github.com/appventure-nush/nush-bookings)

↳ To facilitate my school's open house, this app was made using Vue + Firebase. I was the team lead for this project and came up with a user-centric, mobile-first UI design. The app was stress tested and optimized to handle concurrent requests from ~3000 visitors.

discourse (github.com/mkofdwu/discourse)

↳ A feature-rich chat application inspired by WhatsApp, built with Flutter. I made this app to practice structuring a more complex project than what I was normally used to.

JavaChess (github.com/mkofdwu/java-chess-client)

↳ An online chess app made in JavaFX with a Spring Boot backend and MongoDB. This app was made for my year 3 final CS project.

CTF writeups (jiajie-writeups.sh)

↳ I main web and pwn in CTFs. This site was made with Vue and TailwindCSS.

CTF awards

CDDC 2023 – 1st place

AYCEP 2023 – 1st place

Cyberthon 2023 – 3rd place

TISC 2023 – 15th place (solved 8/10 levels)