

Felix Shen

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EDUCATION

University of Michigan

BSE in Computer Science (Sophomore) - GPA: 4.0

Ann Arbor, MI

Aug. 2024 – May 2027

Burnaby North Secondary School

High School Diploma

Burnaby, BC, Canada

Sept. 2021 – June 2024

EXPERIENCE

Full-stack Developer Intern

Shenzhen Ningyuan Technology Co

July 2024 – Aug. 2024

Shenzhen, GD, China

- Employed Vue.js for frontend, Spring Boot for backend, and MySQL for database
- Migrated the company's API documentation from a static front-end implementation to a dynamic back-end solution, enabling the storage and management of documentation within a centralized database
- Enhanced the efficiency of the development team by providing a more agile and user-friendly system for managing API documentation, thereby boosting overall productivity

Technician assistant

BC Technology for Learning Society

July 2023 – Aug. 2023

Burnaby, BC, Canada

- Categorized computers and recycled their parts
- Assisted technicians with monitor testing

PROJECTS

TeamUp | *Next.js, Prisma, MongoDB, GitHub, Auth0, Faker.js*

Sept. 2024

- MHacks-2024 (Hackathon) project. The website helps hackers form teams by matching them with other users with similar skill sets/tech stacks
- Worked full-stack on the project and collaborated with others using GitHub version controls
- Set up the Next.js application, Auth0 authentication, and the Prisma ORM which connects to the database on Mongo DB Atlas.
- Took part in designing the database schemas, writing APIs that perform CRUD operations, generating user data using faker.js for testing purposes, and the design and implementation of the interactive UI for the website
- GitHub: <https://github.com/Blank-FS/team-up>

Api Documentation Backend | *Java, Maven, Spring Boot, Git*

July 2024 – Aug. 2024

- Developed A Spring Boot backend that stores api documents organized by category and topic as String data in a relational database
- Used Spring Boot JPA/Hibernate for ORM with a MySQL database
- Implemented CRUD operations allowing for the modification of data in the database and the sending of content to the frontend
- GitHub: <https://github.com/Blank-FS/api-document>

KotobaQuest | *Next.js, Prisma, MySQL, Netlify, AWS RDS*

Mar. 2024 – Apr. 2024

- Developed a full-stack application using Next.js for both frontend and backend, Tailwind CSS and shadcn/ui for styling, Prisma for ORM, MySQL for database, and Netlify and AWS RDS for web services
- Created public and private routes, implementing Auth.js for user authentication
- Designed a website that teaches Japanese vocabulary, containing randomly generated practice sets. Helped students taking Japanese at my school with their language learning
- Link: <https://main-kotobaquest.netlify.app/>
- GitHub: <https://github.com/Blank-FS/kotoba-quest>

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript/TypeScript, LaTeX

Front-end: HTML, CSS/Tailwind, Next.js/React, Vue.js, Netlify

Back-end: Express.js, Prisma, Spring Boot, JPA/Hibernate, MySQL, MongoDB, AWS RDS

Developer Tools: Git/GitHub, VS Code, Bash/Ubuntu