KENNY LUO-LI

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EDUCATION

Concordia University   Montreal, Quebec

Bachelor of Science in Computer Science   September 2022 - Present

Relevant Coursework

- Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Data Communications & Computer Networks, Databases, Advanced Programming with C++, Operating Systems, and Web Programming.

RELATED EXPERIENCE

Opal-RT Technologies   Montreal, Quebec

Full Stack Developer Intern   February – August 2022

- Engineered a **React JS** & **Redux,** and **Django** tool for efficient indexing, reducing manual data entry errors.
- Developed a configuration management database system with **Visio** and **Django**, streamlining browsing and content management.
- Engaged in **Agile** sprints and stand-ups, driving feature prioritization and swiftly adapting to client feedback to improve the tool's effectiveness and performance.
- Assisted in deploying the web app and **NoSQL** database on **MS Azure Platform** ensuring secure access on a private cloud and providing scalability for future growth.
- Implemented an advanced search feature, significantly improving item filtering and retrieval efficiency.

PROJECTS

VRODA | *Angular TypeScript, Java, MySQL, Spring Boot, Selenium - E2E - Integrations Tests*

- Crafted a dockerized e-commerce web application for clients, employing a scalable **MVC microservices** architecture storing over **500+ rows** on the cloud.

My A-EYE | *React.js, Flask, Tailwind, Open AI, Whisper AI*

- Developed a verbal virtual assistant to assist visually impaired individuals in understanding their surroundings.

DrooVE | *Node.js, JavaScript, Tailwind*

<u>Hackathon Winner</u>: **"Best Beginner Project"**, CodeJam12

- Engineered a truck driver itinerary optimization system, leveraging **Google Maps Platform** APIs to suggest rest stops based on origin, endpoint, and total sleeping time.

Dungeons & Dragons | *C++, Doxygen*

- Developed a D&D terminal game engine encompassing fighter classes, ability scores, enchanted weapons, NPC enemies, progress saving and loading, campaign and map builder, and combat mode.

Covid Tracking System | *React.js, Django, MySQL*

- Built a **BCNF**-compliant MySQL database with **200+ entries** depicting relationships in the healthcare infrastructure for COVID-19, showcased on a dashboard with data management and an email alert system.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, Typescript, Javascript, C#, C++, PHP, Arduino, Bash, SQL, C
- **Operating Systems**: Windows 10+, MacOS, Linux (Ubuntu & RasbianOS), Unix
- **Database**: SQL Server, MySQL, Oracle, Firebase, PhpMyAdmin
- **Software**: VS Code, Jira, Confluence, Android, MS Office, Docker, VM, Git Bash, IntelliJ, Eclipse, Pycharm