

Keon Kouhang

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Education

Bachelor of Computer Science (Honours) - Computer Science Co-op

UNIVERSITY OF WINDSOR

- **Minor in Mathematics**
- Cumulative Average - 87.5%
- Dean's Honour Roll

Windsor, ON
Sep. 2019 - Apr. 2024

Experience

Co-op Full Stack Developer

XYZ DIGITAL INC.

- Utilized **TypeScript**, **React**, **Node.js**, **Express.js**, and **MongoDB** in a **Linux** environment to develop comprehensive full stack applications and **RESTful APIs** with **JSON** data exchange.
- Led the development of a dynamic scheduler groups editor for a CRM application, allowing users to create and send a workflow of multiple schedulers to their clients.
- Spearheaded the creation of an event hosting platform featuring personalized maps and ticketing systems with **Stripe** integration, catering to live events with over 3000 attendees.
- Engineered an automated deployment and hosting service for both internal and third-party web applications, leveraging **GitHub Actions API** and **Docker** containerization for seamless integration.
- Implemented cold start Docker containers, effectively conserving server resources during idle deployment periods.
- Created and maintained **Jira** tasks on a Kanban board in alignment with **Agile** methodologies.
- Investigated and resolved bug reports by meticulously root causing and rectifying errors.

Windsor, ON
Sep. 2022 - Aug. 2023

IM/ICT/Facilities Co-op

WINDSOR DETROIT BRIDGE AUTHORITY

- Improved security procedures by analyzing current policies and providing advice on possible enhancements.
- Employed **Excel** for inventory management and report generation.
- Researched and evaluated various software to identify optimal solution for company needs.

Windsor, ON
Jan. 2022 - Apr. 2022

Technical Support Analyst (Co-op)

CANADA REVENUE AGENCY

- Repaired hardware and software issues while providing meaningful technical advice and support to clients.
- Utilized SSH and RDP to troubleshoot and fix issues on remote machines.
- Created **PowerShell** scripts to automate various tasks and procedures.

Windsor, ON
May. 2021 - Aug. 2021

Projects

Casino Bot

DISCORD BOT

- Developed a discord bot that plays blackjack, roulette, and coin-flip against users.
- Implemented with **TypeScript** using **discord.js** in a **Node.js** environment, deployed on an **Oracle Cloud** instance.
- Managed users and simulated currency with **PostgreSQL** and **Drizzle ORM**.

GPT Music Recommender

FLASK WEB APPLICATION

- Developed a web application that leverages personal Spotify data and ChatGPT to deliver tailored song recommendations to users.
- Implemented with **Python** using the **Flask** framework and **Jinja** templating engine
- Integrated the **Spotify Web API** and **OpenAI API** to provide individualized AI-driven suggestions.
- Utilized **MongoDB** through **PyMongo** to save song recommendations and ratings for each user.

File Compare Tool

WINFORMS APPLICATION

- Created a tool that allows users to compare files and verify if they are all identical.
- Leveraged the SHA-256 hashing algorithm for precise file comparison.
- Written in **C#** using **WinForms**, as part of the **.NET Framework**.

Skills

Languages

Libraries/Frameworks

Tools

Operating Systems

Databases/Cloud

HTML, CSS, JavaScript, TypeScript, Python, C, C#, Java, SQL, PHP, JSON, XML

React, Bootstrap, TailwindCSS, Express.js, Flask, Prisma, Next.js, jQuery

Git, GitHub, Docker, Visual Studio, VS Code, Figma, Webpack, Jira, Vite, Storybook

Windows, Oracle Linux (RedHat), Debian, Ubuntu

MongoDB, PostgreSQL, MySQL, SQLite, Vercel, Oracle Cloud Infrastructure