

Kipp Adrich Joseph

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EDUCATION

Grant MacEwan University

Edmonton, Alberta, Canada

Bachelor of Science in Computer Science

January 2020 - April 2024 (Expected Graduation)

Relevant Coursework:

Data Structures & Algorithms

Software Engineering

Organization & Architecture

Database & Management Systems

Computer Networks

Computer Security

PROJECTS

Tulai Language Translator Chrome Extension | <https://github.com/Breaking-Barriers-Chat-App/Tulai>

- Created a Chrome extension at a HACKED hackathon to overcome language barriers. The extension highlights text, translates it, and suggests a reply, enhancing user communication.
- Utilized the ChatGPT API, by using python and flask to send prompts based on user inputs to enhance the translation and interaction capabilities of the extension.

Wasabi App Project | <https://github.com/CrimsX/Wasabi>

- A Capstone Flutter application featuring Node.js sockets for real-time messaging, enhancing user communication capabilities.
- Integrated various technologies, including Flutter, Node.js MySQL, and Cybera, to deliver a comprehensive commination.
- On track to add a collaborative feature and Videocall and voice call using webrtc by April 2024 .

Android Shift Management App | <https://github.com/macewanCS/f23ritchie>

- Engineered a Full Stack Android app, enabling effortless employee addition, removal of employee using Kotlin and MySQL.
- Implemented an Agile approach, utilizing Scrum sprints and user stories to track project's progress.

Secure Message Transfer Protocol Project | https://github.com/AdrichJoseph/Group4_Project361

- Developed a secure message transfer protocol in Python 3, utilizing sockets for client-server messaging.
- Implemented RSA encryption, ensuring the confidentiality and integrity of communication. Employed AES encryption and SHA-1 hash verification to prevent man-in-the-middle attacks.

Web Portfolio |

- Created and designed a web portfolio using HTML, CSS, JavaScript, React, and NEXT.js, showcasing a range of projects and skills.
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SKILLS

Programming Languages: Python, JavaScript, Dart.

Familiar with C#, C, Kotlin.

Web Technologies: HTML, CSS, Asp.NET, NextJs, Node.js, React

Database, Tools, and methodologies: SQL, Wireshark, GitHub, Agile, Scrum.

EXPERIENCE

Full-time Manufacturer at Aurora Cannabis

October 2019 – April 2022

- Demonstrated teamwork skills in a manufacturing environment while pursuing full-time university studies.
- Exhibited strong problem-solving abilities in resolving technical issues during production