

MATHEW LUONG

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EDUCATION

University of Calgary - Bachelor of Science, Computer Science, 3.7 GPA

2018-2022

- Relevant coursework: Object Oriented Programming, Data Structures & Algorithms, Computer Networks, Database Management Systems, Principles of Operating Systems, Network Systems Security, Web-Based Systems

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, HTML, CSS, SQL

Frameworks and Libraries: React, React Native, MongoDB, Node.js, Express.js

Developer Tools: Git, npm, Agile methodology

PROJECTS

BlogPost

Fullstack web application

MongoDB, Express.js, React, Node.js, JavaScript

- A web application similar to Reddit, developed on the MERN stack where registered users can create text and image posts
- Designed a responsive, intuitive user interface using Figma and implemented the front end through reusable React components
- Implemented RESTful API using a MongoDB database to store posts, pictures, comments, and user information

Task App

Native iOS and Android application

React Native, Expo, JavaScript

- Emphasized on user experience by designing intuitive and modern interface in Adobe XD
- Implemented functionality for creating tasks and setting goals
- Improved user experience by implementing seamless navigation and incorporating a calendar view

Study Bot

Discord chat bot

Python

- Architected a Discord bot that responds to user commands in servers or direct messages
- Refined user experience significantly through detailed documentation and user examples
- Supports functionality to create a to-do list, set reminders, create flashcards, create private study rooms, and start polls

EXPERIENCE

Banquet Server - Hyatt Regency Calgary

2018-Present

- Led and mentored a team of 4-5 banquet servers, ensuring all members are organized for exceptional service
- Collaborated with servers to guarantee high quality service in a prompt and courteous manner according to event order
- Communicated effectively with guests, resolving issues or concerns in a timely and professional manner