QUENTIN LAMBKIN

Software Engineer

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EDUCATION

B.C.S.

Computer Science

University of Windsor

December 2021

Windsor, ON

RELAVANT COURSES

- Data Structures & Algorithms
- Database Management Systems
- Software Analysis
- Web Information Systems

LANGUAGES

Fluent:

Experience With:

- Java
- Express
- Javascript
- Node
- C++
- Mongoose
- React
- jQuery
- Python
- C

PERSONAL SKILLS

- Meticulous
- Team Oriented
- Dedicated
- Analytical
- Reliable
- Inquisitive

CAREER OBJECTIVE

Avid problem solver and strong communicator eager to utilize broad educational background along with strong communication, analytical and programming skills. Motivated to advance and expand skill set through targeted mentorship and challenging projects.

PERSONAL PROJECTS

DBank

- Developed a decentralized finance application using Motoko that demonstrates the effect of compound interest.
- Applies compound interest algorithm on user balance incorporating amount of time since last transaction.
- Incorporated orthogonal persistence to maintain user data regarding balance and transaction time.
- Acquired knowledge of Motoko and various useful blockchain technologies
- Utilized: Motoko, Javascript, HTML, CSS, Bootstrap

Keeper App

- Created a dynamic note keeping application which allows users to create, post, and delete notes on a displayed board.
- Mapped note data to create each note component.
- Used react hooks to create and maintain the array of notes.
- Utilized: React, JavaScript, JSON, HTML, CSS, Bootstrap

Python Pathfinder

- Designed a path finding application aimed to find the shortest path between a designated start and end point.
- Provided the ability for the user to dictate the start and end point on a grid, as well as the barriers the path is not allowed to cross.
- Implemented A* search to dictate which routes to traverse.
- Utilized: Python, Pygame Library

RESTful Blog

- Developed a RESTful blog website which dynamically creates and adds blog posts to the main page.
- Connected the website to a database where the posts are stored using MongoDB.
- Implemented express to allow for the ability to dynamically create and store blog posts.
- Utilized: Javascript, Express, Mongoose, HTML, CSS, Bootstrap