Cameron Angle

(416)760-9610, cameronangled@gmail.com

HIGHLIGHTS OF QUALIFICATIONS
- Excellent foundational understanding of object oriented design principles, algorithms, and abstract data structures gained through various object oriented courses in university
- Self-motivation and efficiency skills demonstrated during a research internship where research was mostly self-guided
- Strong communication skills, both written and oral, developed through collaborative research work as well as in various group projects in mathematics and software design
- Experience programming with C and C++ in Linux environments
- Experience in Python, Java, C, C++, Javascript, HTML, CSS, node.js, Express.js, numpy, SQlite, bootstrap

EDUCATION
Bachelor of Computer Science, Co-op Option September 2022-Present Carleton University, Ottawa, Ontario
- 2nd year standing, 11.12/12.0 (A)
- Dean's list 2022-2023
- Expected Graduation Date: April 2027

AVAILABILITY
Available for 8 months beginning May 2024

WORK EXPERIENCE
I-CUREUS Research Internship September 2023-Present Carleton University, Ottawa, ON
- Increased efficiencies of previous research internship and improving the python code to allow for more optimizations and better training data for the adjacent neural network
- Continuing communication with research partners during busy academic schedule to keep workflow efficient

Deans Summer Research Internship May 2023-August 2023 Carleton University, Ottawa, ON
- Planned and Implemented a program capable of reading open street map data and converting it into graph data resulting in better training for the adjacent neural network
- Researched various python libraries to augment my program (Numpy, Rtree, professor created) resulting in a more efficient script
- Communicated with my professor and other lab researchers to make various optimizations which bettered the program and personal communication skills
- Compiled all research and project information to deliver a final presentation

APPLIED PROJECTS
Project Developer Sept 2023-Present Real-Time Transit website
- Programmed a functioning transit tracking website using javascript, node.js, bootstrap, express.js, and an SQlite database to store user data
- Implemented the transit.app API to fetch real time train departures for Ottawa's O-line train and display to users on the site