

MOHAMAD RADAIDEH

EMAIL | PHONENUMBER | LinkedIn - Mohamad Radaideh | GitHub - momo674

EDUCATION

Carleton University

Honours B.CS in Computer Science | **GPA: 4.0**

Ottawa, ON

- May 2026

Relevant Courses: Data Structures and Algorithms (Java), Intro to Software Engineering (C++), Systems Programming, Database Management Systems, Web Application Development, Geomatic Programming

WORK EXPERIENCE

Kinaxis

Software Developer - Algorithms

Ottawa, ON

January 2024 - Present

- Directed Marvin testing, guaranteeing software adaptability and performance in critical edge cases, thereby boosting the product's flexibility.
- Modernized the company's supply chain analytics in C++ by redeveloping core algorithms, achieving a 30% boost in efficiency and accuracy.
- Developed a logical testing framework enabling the creation of NUnit test cases in C#, significantly improving the quality assurance process.
- Collaborated Closely with Scrum Team in Agile Environment to Streamline Project Delivery, tracking progress using Git and Jira.
- Crafted comprehensive test cases in Google Test for feature updates and bug fixes, elevating software quality and substantially improving stability and performance.

Virgin Plus

Technical Support Assistant

Ottawa, ON

August 2023 - December 2023

- Addressed mobile, internet, and TV service problems, significantly enhancing customer satisfaction.
- Collaborated with network engineers to troubleshoot complex 5G connectivity issues, contributing to enhanced network reliability and performance.
- Acquired proficiency in specialized diagnostic software, streamlining troubleshooting processes and reducing service resolution time by 20%.

uPrep Academy

Program Developer

Remote

May 2023 - Aug 2023

- Developed a Python-based 'Intro to Programming' course tailored for high school students, delivering content to 1000+ beginners.
- Uploaded essential course materials like lecture notes, assignments, and class schedules onto Moodle for easy access and organization.

PROJECTS

University Scheduling Tool | Java, MySQL, JavaFX

- Implemented an interactive scheduling tool for university courses, allowing students and administrators to manage semester-based time tables.
- Utilized Java and MySQL to manage user data and course information, enhancing system reliability and user satisfaction.

Ottawa Weather Chatroom | JavaScript, HTML/CSS, Node.js, Next.js

- Designed and implemented a weather-focused chatroom web application for Ottawa, leveraging Node.js and Express.js for robust backend functionality.
- Integrated OpenWeatherMap API with backend server, allowing users to share and discuss weather conditions in real-time, enhancing community engagement.

Automated Tim Hortons Order | Python, Selenium, GoogleMapsAPI, AWS

- Crafted an automation server for handling Tim Hortons orders which places an order on the user's behalf if near a desired location.
- Leveraged Python alongside the Selenium Library to automate coffee ordering processes, dynamically adjusting to the user's live mobile location through integration with the Google Maps API.

TECHNICAL SKILLS

Programming Languages: Java, C/C++, JavaScript, Python, C#, SQL, R

Technologies: HTML/CSS, JSON, Node.js, MongoDB, SQLite, Linux, Git