

Lia Mason

Third Year Software Design Student

lia.k.mason@gmail.com
linkedin.com/in/lia-k-mason
613-850-5083
Ottawa, ON, Canada

WORK EXPERIENCE

Junior Software Developer (May 2020 - Aug 2020)

MindBridge Ai

- As part of an agile team, developed user-requested features that were pushed to production for an AI-powered auditing web application.
- Developed interactive data visualizations to communicate the highest risk areas of financial statements uploaded by users.
- Worked with Java, Angular, Typescript, HTML, CSS, JSON, Postman, Docker, SQL, Git.

Technical Student (Jan 2020 - Apr 2020)

Lobaw Digital

- Designed a machine learning recommendation solution for the Joe Fresh retail site to personalize the order of clothing items on product listing pages, customizable by profit margins and business rules.
- Pitched our project at the Canadian Undergraduate Conference on Artificial Intelligence.

Software Quality Assurance Intern (May 2019 - Aug 2019)

Canadian Bank Note

- Automated testing procedures for internal web applications by writing scripts using Python, Java, and SQL with Selenium WebDriver. Eliminated time-consuming manual testing done between each software build.
- Wrote a Java program to simulate tax stamp data for testing.

PROJECTS

Physics Projectile Simulator (Sept 2020 - Nov 2020)

- Developed a C++ GUI app that allows the user to simulate projectile motion on different planets with different environmental conditions and physical properties.

Game Development (Feb 2020 - Apr 2020)

- Created an infinite runner game using Unity game engine with scripting in C#.

Meal Planner Mobile App (Nov 2019 - Dec 2019)

- Developed a React Native mobile app for grocery planning, recipe ideas and meal planning.

EDUCATION

Bachelor of Computer Science

Queen's University

- Expected Grad: May 2022
- Software Design Specialization
- Dean's Honour List

Coursework

Software Development Fundamentals, Data Analytics, Data Structures & Algorithms, Software Quality Assurance, Operating Systems, Business, Psychology

SKILLS

Languages

Java, Python, C++, C, TypeScript, JavaScript, SQL, HTML, CSS, Bash

Tools & Technologies

Angular, REST API, Docker, Postman, Selenium, Git

Design

Figma, Adobe InDesign, Adobe XD, Adobe Photoshop

EXTRACURRICULARS

Co-Chair of Women in QMIND (Apr 2020 - present)

- QMIND is a 200+ member AI & ML organization at Queen's.
- Currently leading the initiative Women in QMIND to support members through EDI discussion panels, community events, and professional development opportunities.