Megan McClure

Full Stack Software Developer and UI/UX Designer

Contact Info

Address

4 Northumberland St.
Toronto, Ontario M6H 1P7

(Canadian & United States Dual Citizen)

Cell Phone

+1 (705) 822-6445

E-Mail Address

meganemcclure@gmail.com

Links

LinkedIn

www.linkedin.com/in/megan-mcclure-2216391a3

GitHub

https://github.com/meganemcclure

Website

https://meganemcclure.github.io/ivyloulou-website/

—

Work Experience

Monogram Creative Console / Full Stack Software Developer
Aug 2021 - Present, Kitchener, Ontario

- Developed a React based application to render screen pixels and save bitmap files for quick prototyping projects.
- Designed and implemented a suite of REST APIs deployed with AWS Lambda for automatic generation and management of user licenses for over 3000 users.
- Worked with 3rd party SDKs and APIs for supported applications to build Monogram Creator integrations.
- Handled weekly technical customer support tickets.
- Acted as a first point of contact for co-op students, including onboarding and answering technical questions as they arise.

Monogram Creative Console / Software Development Co-Op
May 2019 - Aug 2020, Kitchener, Ontario

- Communicated with stakeholders to design and implement new features for the Monogram Creator app platform.
- Led the implementation of a UI/UX redesign for the Monogram Creator app platform.

Queen's University / Teaching Assistant
Sept 2018 - Apr 2019, Kingston, Ontario

- Held tutorial sessions, proctored exams, graded student assignments and tests, and answered student questions.
- Classes: Data Structures (CISC 235) & Introduction to Computer Science (CISC 101)

PRACTICALgenomics / Software Developer
May 2018 - Aug 2018, Sudbury, Ontario
Technologies: Java, Samtools

- Created an application used in clinical tests to analyze sequencing data from next-generation sequencing (NGS) machines to determine sequences that are unique to each patient's cancer.

—

Design Projects

Resources For Exceptional Children and Youth (Durham Region) Website Redesign / UX Designer
June 2023, Toronto, Ontario

- Collaborated with a team to redesign the RFECY website with a focus on usability and accessibility.

- Performed usability testing in order to improve and iterate on our design.

BuddySystem Application Design / UX Designer

May 2023, Toronto, Ontario

- Designed an application to help users foster new friendship connections through shared interests.

Canada Post Website Redesign / UX Designer

May 2023, Toronto, Ontario

- Focused on information architecture, and aesthetics to improve the organization, navigation, and visual appeal of the Canada Post website.

—

Skills

Programming Languages, Tools, & Technologies

JavaScript/TypeScript, Qt/QML (Qt Framework), NodeJS, C++, Git/GitHub, Yarn, Jest, AWS Lambda, REST APIs, OpenAPI, VS Code, HTML, CSS, React, Python, Java, Samtools

UI/UX Design Tools

Figma, FigJam

General Skills

Google Suite (Google Slides, Google Docs, Google Sheets), Asana, Trello

Soft Skills

Time Management, Organization, Collaboration, Communication

—

Education

Queen's University / Bachelor of Computing Honours (Software Development)

Sept 2016 - Apr 2021, Kingston, Ontario

University of Toronto / UI/UX Professional Certificate

March 2023 - Aug 2023, Toronto, Ontario