MEGAN MCCLURE
Full-Stack Software Developer

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PROFESSIONAL EXPERIENCE

MONOGRAM CREATIVE CONSOLE	Kitchener, ON
Full-Stack Software Developer	**August 2021 - Current**

- Worked with 3rd party SDKs and APIs to build and support over 10 custom integrations such as Photoshop UXP, Premiere Pro, Lightroom Classic and others
- Diagnosed and fixed hundreds of bugs in the Monogram Creator application ecosystem
- Used Qt (C++), QML, Javascript and Typescript to implement numerous frontend and backend features, such as dark mode, analytics tracking events, automatic labeling, and many others
- Spearheaded a project to convert the backend codebase from Javascript to Typescript
- Designed, implemented, and maintained a suite of REST APIs deployed with AWS Lambda for automatic generation and management of user licenses for over 3000 active users
- Developed a React application to render screen pixels and save bitmap files to increase the speed of prototyping projects
- Handled weekly technical customer support tickets
- Acted as a first point of contact for co-op students, including onboarding, mentorship, and answering technical questions

MONOGRAM CREATIVE CONSOLE	Kitchener, ON
Software Development Co-op	**May 2019 - August 2020**

- Communicated with stakeholders to design and implement multiple new features for the Monogram Creator application platform
- Led the implementation of a UI/UX redesign for the Monogram Creator app in order to accommodate new hardware technology and improve overall user experience

QUEEN'S UNIVERSITY	Kingston, ON
Teaching Assistant	**September 2018 - April 2019**

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

PRACTICALGENOMICS	Sudbury, ON
Software Developer	**May 2018 - August 2018**

- Created a Java based 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, and assist doctors in diagnosing thousands of patients across Ontario

EDUCATION

QUEEN'S UNIVERSITY	Kingston, ON
Bachelor of Computing Honours (Software Development)	**September 2016 - April 2021**

ADDITIONAL INFORMATION

- Technical Skills: 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, Figma, FigJam
- Soft Skills: Adaptability, Collaboration, Communication, Organization