



Software Engineer Analyst Internship - 2023

Digital Main Street and Mastercard are collaborating to offer positions for students under the Mastercard Internship Program in the field of Cyber and Intelligence (C&I). These roles will be focused on supporting the Cyber & Intelligence team with product development, project management, ideation and more. This is an opportunity to expose yourself to the C&I industry with a global organization.

These roles will be employed by Digital Main Street and seconded to Mastercard Canada's Cyber & Intelligence team.

Who is Digital Main Street?

Digital Main Street is a program developed in partnership by the City of Toronto and the Toronto Association of Business Improvement Areas (TABIA). Digital Main Street supports the growth of main street businesses by making the adoption of digital tools and technologies easy. The program is built around an online learning platform, structured training programs and the Digital Service Squad, a team of street-level team members who help main street businesses grow their operations through technology. Digital Main Street has been profiled in the media by The Globe and Mail, the Toronto Star, BetaKit, Retail Insider, Profit Guide and Notable.

Who is Mastercard?

We are the global technology company behind the world's fastest payments processing network. We are a vehicle for commerce, a connection to financial systems for the previously excluded, a technology innovation lab, and the home of Priceless®. We ensure every employee has opportunity to be a part of something bigger and to change lives. We believe as our company grows, so should you. We believe in connecting everyone to endless, priceless possibilities.

Ethoca, a Mastercard company, leads a team of top technology innovators who are transforming the payments landscape and reinventing the way global merchants and issuers combat fraud. Our relentless customer focus makes us an award-winning company. Our collaborative environment enables our people to deliver and develop solutions that provide safety, security and convenience for our customers. The Mastercard Intern Program is a comprehensive program where students gain hands-on real work-life skills while having fun and contributing to a global company. As an intern, you will be challenged with completing projects that will enhance your skills as well as contribute to the department's goals and objectives.

To drive our growth, we are scaling our platform and building new products. Ethoca's growth is explosive, and only great problem-solvers, collaborators and thinkers can help us take it to the next level. We believe in decoupled, message-driven, and distributed systems. We strive to keep codebases small and manageable. We're interested in reactive design patterns that will make our systems more resilient and responsive yet remain elastic to change. As we proceed through our technology roadmap, we are evaluating and implementing new community endorsed technologies for every tier of our platform.

Responsibilities

As an intern on the Cyber & Intelligence team, you will be involved in the following:

- Product development and platform development
- Evaluating and implementing new community endorsed technologies for every tier of our platform
- Exploring reactive design patterns that will make our systems more resilient and responsive yet remain elastic to change
- Other duties are required

Qualifications

Digital Main Street is currently seeking qualified applicants that can demonstrate the following:

- Currently enrolled in year two, three or four of an undergraduate software engineering program or equivalent
- Strong research, investigative and problem solving skills
- Interest in web-based systems development, Java and the JVM, and cloud-based microservices
- Must be able to work in a fast paced and dynamic environment,
- Ability to handle multiple tasks
- Consistently meet established deadlines while delivering exceptional results

This is a contract internship position from May 8th 2023 – July 7th, 2023. This position will be a hybrid mix of remote/virtual, working from home and as required, you will be in the Toronto Bloor Street office. We reserve the right to change the work location at any time from the hybrid model to: fully remote/virtual, fully in person in office, or a different hybrid mix, as dependent on business needs.

What we can offer you:

- Competitive remuneration in-line with industry standards
- Shape the Community: Be a part of a talented and driven team where you will gain hands-on real work-life skills while having fun and contributing to a global company

Digital Main Street is an inclusive employer. We encourage applications from all qualified candidates and will accommodate applicants' needs under the respective provincial human rights codes throughout all stages of the recruitment and selection process. We thank all applicants in advance for their interest; however, only qualified candidates will be contacted for an interview.