

Max Mastalerz, MSc

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» Summary of Skills

Interpersonal

Confident problem solver motivated to constantly improve and learn. Excellent interpersonal skills with a team-oriented mindset.

Industry-specific

Extensive experience working with HTML, CSS, Sass, Docker, JavaScript, TypeScript, PHP, SQL, MongoDB, Node.js, AWS, test automation (Selenium), agile software development, C, Java, SEO, software optimization, big data, popular libraries/frameworks (React, React Native, etc), server management, networking, online security, responsive design, Linux-based OSs, Windows, macOS, and much more!

Intermediate proficiency in Python, C++, and C#.

» Education

University of Western Ontario (Master of Science, Computer Science) *Sep. 2022 - Dec. 2023*

- Conducted research on intersection traffic control utilising real-time vehicle location data. Extensive simulation study reduced vehicle idle time by 57.8% over conventional phasing techniques.

University of Guelph (Bachelor of Computing, Co-op) *Sep. 2016 - Apr. 2021*

- Maintained dean's list status during completion of Software Engineering major and Business minor.

» Work Experience

Tulip Retail

Full Time, Software Developer *Jan. 2020 - Aug. 2020 & Jun. 2021 – Aug. 2022*

- Developed back-end APIs for iOS apps used by the luxury brand Chanel and customers.
- Developed software for Well.ca – an online pharmacy e-commerce site receiving 3M views/month.
- Responsible for completing tickets relating to security patches, new feature requests, client data integration, changes to the product management system, and more.
- Primarily used HTML, CSS, Javascript, PHP, Python, React, and SQL in my role.

The Co-operators

Intern, Test Automation Developer *May 2019 - Aug. 2019*

- Developed test cases for insurance specific software using Selenium WebDriver and HP UFT.
- Presented opportunity to enhance the testing process via self-healing element selectors.

Adknown Inc.

Intern, Software Engineer *May 2018 - Dec. 2018*

- Worked extensively with web technologies, server management (AWS), testing methodologies, and source control.
- Actively managed 40+ web properties and an in-house CMS.
- Developed and implemented new features, designs, and strategies to best leverage our tools and improve ad performance through A/B testing.

» Certifications

- **Terraform Associate (HashiCorp Infrastructure Automation Certification)** *Jan. 2024*
- **AWS Certified Developer - Associate / AWS Certified Cloud Practitioner** *Apr. 2021*

» Extracurricular Activities

- **Mississauga Coding & Internet Startups – Member** *May 2018 - Feb. 2019*
- **Oakville Trafalgar HS FIRST Robotics - Co-captain, Programming** *Sep. 2014 - Sep. 2015*

Testimonials available at maxmastalerz.com. References available upon request: contact@maxmastalerz.com