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Work Experience

Mobile Development Intern

Checkout51 – Toronto, Ontario
May 2018– August 2018

- Developed a standalone automation utility and custom testing framework from the ground-up, that is cross-platform for both iOS and Android, with an easy to use GUI that allows dynamic creation of test suites. Was implemented into the QA process, with plans to write new tests using the framework
- Refactored a major component for the Checkout51 iOS app from Objective-C to Swift, as well as upgrading the architecture to improve maintainability and performance
- Followed proper Agile methodologies, as well as the software development life cycle, including writing documentation and unit tests

Application Programmer Analyst

Ministry of Education – Toronto, Ontario
June 2017 – August 2017

- Developed internal testing utilities using C# and .NET for parsing and validating huge PDF reports. These were implemented into the QA flow, largely improving efficiency from the old manual process
- Referenced business and technical documentation to create full-coverage tests for both functional and GUI testing, including both new features and regression tests
- Developed libraries to improve automation tasks, including reporting libraries and maintaining a data driven testing framework

Education

McMaster University – Software Engineering
September 2016 – Present (**3.9 GPA**)

Skills

- Skilled in object-oriented programming and software architecture design patterns
- Experienced with algorithm and data-structure design, implementation and analysis
- Experienced in web development including both front-end (HTML, CSS) and back-end (JS, jQuery, REST)
- Knowledgeable about the software development life cycle and application testing and automation. Experience with several testing frameworks including HP ALM, Selenium and Junit
- Familiar with both Windows and UNIX operating systems, including shell scripting

Achievements

- Designed and developed a video game modification, in Java, that gained more than 50,000 downloads and has been played 1.8 million times
- McMaster University - Engineering Design Showcase 2016 Winner
- McMaster University - Honors Level III Award
- Scored 96% on the University of Waterloo Junior Canadian Computing Competition

References available upon request