Marlee Roth
Fourth Year Software Engineering Student

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SUMMARY OF SKILLS
- Proficient in Java, JavaScript, Python, MySQL, PHP, HTML, Haskell, and Unit Testing
- Computer skills including Excel, Word, PowerPoint, Photoshop, Illustrator, and InDesign
- Strong communication and able to effectively communicate ideas in words
- Experience in agile methodology, customer service, leadership, and team building

EDUCATION
Bachelor of Engineering, Software Co-op   Expected Completion May 2020
McMaster University Hamilton, ON
- Currently in level four of a five-year program

RELEVANT PROJECTS
- Established a pizza ordering web application with a team of 4 that simulates the ordering process using JavaScript, Bootstraps, and Node
- Developed a liquid rescale application for Unix using seam carving algorithm in C++
- Worked with a team to create a beer review application, that suggest beer based on the user's past choices with Java
- Created a small functional text-based web game with PHP
- Designed and 3-D printed a functional gear train that could move a reed head on a CD ROM

WORK EXPERIENCE
Junior Developer   May 2018 – August 2018
Bell, Toronto, ON
- Developed a Monthly KPI dashboard using JavaScript, SQL, and PHP to automate monthly reporting for upper management
- Designed and implemented new internal tools to help increase automation at Bell
- Implemented bug fixes on JavaScript website and spearheaded an ansible initiative

Operations Assistant – App Development   May 2017 - August 2017
Deep Foundations Contractors Inc., Stouffville, ON
- Assisted operations coordinator in developing AppSheets applications, for tool inventory management system, execution schedules, yard production schedules, and crew allocation
- Assisted the operations department in converting from the existing system to the AppSheets user interface
- Analyzed and assessed data entered in AppSheets

EXTRACURRICULAR ACTIVITIES
- **Student Member**, Woman in Engineering   2015-Present
- **Student Member,** McMaster Engineering Musical   2015-Present
- **VP Marketing**, Software Engineering Club   2016-Present
- **Volunteer,** Engineering Recruitment   2015-Present
- **Co-op Ambassador,** Engineering Co-op   Present
- **Orientation Representative**, McMaster Engineering Faculty   2016