

EMILY REGIER

Software Developer

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www.emily-regier.com/home/

Technical Skills

Languages: C, Java, Gosu, Ladder Logic

Operating Systems: Windows, Mac OSX, Linux/UNIX

Development Tools: Git, Cucumber, JUnit, VS Code, Eclipse, iFix, IntelliJ IDEA, Guidewire Studio, RSLinx

Testing Tools: Cucumber, JUnit

Development Skills: Scrum, Patch Integration, Jira & Ticketing Systems

Other Skills: Proficient with Excel, PowerPoint, Outlook, Word, MS Teams, Zoom, Webex

Education and Academic Projects

Bachelor of Computing, Honours Computer Science with Co-op, Psychology Minor
University of Guelph *September 2018 - present*

Dungeon Generator

September 2019

- Generates various aspects of a “*Dungeons and Dragons*” chamber either randomly or with user input
- Developed using Java concepts such as objects, classes, and inheritance in IntelliJ IDEA

eBook Data Structure

October 2019

- Written in C, it takes a text file and turns it into a linked list with each word as a node to allow manipulation.
- Allows the user to print, copy a section, search for a word, remove repeated words, and sort alphabetically.

Technical Work Experience

Jr. Systems Developer

The Co-operators *September 2020 – present*

- Successfully wrote, tested, and integrated patches containing new features that pull from multiple data sources to existing project.
- Attended two-day Acceptance Test-Driven Development workshop on development cycle optimization techniques.
- Tested new features using G/Cucumber tool in accordance with company standards

SCADA Developer

City of Guelph, Water Services *May - September 2020*

- Independently wrote PLC ladder logic code in a proprietary language, set to be used to handle 70% of the City of Guelph’s water.
- Produced HMI integrated with my own code using iFix and AutoCad drawings, set to be used at all Water Services locations.
- Successfully produced proper documentation outlining every detail of the PLC code, hardware integration, communication between PLCs, and further information on the site.

IT Student Technician

Upper Grand District School Board *May - September 2019*

- Developed a categorized inventory system for used hardware components that increased ticket speed for the department.
- Took part in the “Refresh” initiative by performing hundreds of hardware upgrades, reimaging, and software installation
- Helped improve ticketing and help desk website through mass data entry and bug spotting