STEFANIE LOW

4A Honours Computer Science Student
University of Waterloo

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SKILLS

LWC || Apex || C++ || Java || Python || JavaScript || React || node.js || C || HTML || CSS || SQL

EXPERIENCE

Software Engineer - LevelJump / Salesforce   Jan. 2021 - Apr. 2021;
- Implemented checklist feature for more efficient information sharing between users   Sept. 2021 - Present
- Restructured existing algorithms to automate sync between client programs and their subprograms
- Created tooltips for key features to enhance user understanding
- Developed a universal link feature to streamline communications between administrators and users

Application Developer - Allstate Insurance Company of Canada   May 2020 - Aug. 2020
- Experienced working with a team in an Agile environment
- Updated product APIs to include authentication and add flexibility to naming systems
- Implemented APIs for new microservice architecture, including authentication and unit tests
- Created new test suite using Selenium for the product's front end logic

Developer - Royal Bank of Canada   Sept. 2019 - Dec. 2019
- Developed web application for .SWG to .JMX file conversion tool to facilitate performance engineering tasks
- Implemented local Apache Kafka instances to monitor load testing data for improved user experience
- Enhanced messaging queue tester by adding multithreading feature to allow for load testing

Assistant Software Engineer - RSVP.ai   Jan. 2019 - Apr. 2019
- Developed and implemented new regression test system to improve efficiency and user experience
- Applied basic grammar and vocabulary to new English chatbot product for successful client demonstrations
- Reworked testing website into two seperate websites for higher cohesion and easier management

PROJECTS

Alphanetics (Java, JavaScript, HTML/CSS)   Mar. 2018
- Developed a collaborative web application for obtaining or creating word pronunciation guides

Store Management Simulator (Python)   May 2017 - Jun. 2017
- Created a business management program to maximize a store's profit within a ten-day period

LEADERSHIP

Math Student Ambassador - University of Waterloo   Jan. 2018 - Present
Orientation Leader - University of Waterloo   Sept. 2019

EDUCATION

University of Waterloo   Sept. 2017 - Present
- Candidate for Bachelor in Computer Science, Honours Cooperative
- Relevant coursework: Algorithms, Foundations of Sequential Programs, Data Structures and Data Management, Object-Oriented Software Development, Elementary Algorithm Design and Data Abstraction