Henry Hu

University of Waterloo (2B)
20882249

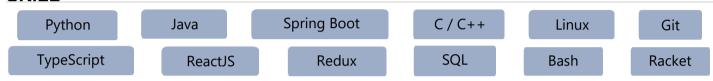**Email:** huhenry50@gmail.com
Phone: 226-759-5829
Github: github.com/henryhu1
LinkedIn: linkedin.com/in/ henry-hu-28b8a4211/

RESUME OBJECTIVE

- Ambitious student learning software engineering and ready to face new challenges in working with professional application development
- Full-stack experience, eager to improve existing soft skills and utilize new frameworks
- Diligent, honest worker determined to produce results or fulfill requirements on time and take responsibility for delegated tasks

SKILL

Python	Java	Spring Boot	C / C++	Linux	Git
TypeScript	ReactJS	Redux	SQL	Bash	Racket

EXPERIENCE /

SOFTWARE ENGINEER, CO-OP

PointClickCare / Mississauga, ON / September 2021 – December 2021

- Developed UI components in web imbedded messaging app to use Axios API requests, CSS styling, and maintaining Redux state with user interaction built with React and Redux in TypeScript
- Implemented functionality for backend Spring RESTful web controllers and REST APIs to structure receiving and sending data, utilize service classes, and query databases in Java
- Designed unit tests ensuring new code is operating as expected and error free using JEST for frontend and JUNIT for backend, keeping 89% code coverage in the UI
- Queried and modified databases to test specific features in web applications, updating data to cover various cases using SQL
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PAINT PROGRAM PROJECT

High School Project / January 2018

- Successfully created drawing software to create images based on user input using custom design and layout with full-stack development done in Python
- Displayed user drawings with different brushes, polygons and images through extensive use of Pygame methods
- Created common program functionality with redo, undo options, eye dropper colour selection, opening, saving images as extra features

EDUCATION

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE

University of Waterloo / 2020