Henry Hu

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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 Bash
TypeScript	ReactJS	Redux	Cypress	SQL	Racket

EXPERIENCE / PROJECTS

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, built using React in TypeScript
- Implemented functionality for 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

May 2022 – August 2022

- Leveraged a Monorepo of styled MUI components, reusing common components and specializing their use for specific app/design requirements
- Designed and maintained integration tests with Cypress' callback function architecture, testing new functionality and updating existing tests as development progresses

PAINT PROGRAM PROJECT

High School Project / January 2018

- Created a drawing software to create images based on input using a custom design in Python
- Displays user drawings with brushes, polygons and images through Pygame methods
- Able to load and save drawings as JPG files in local directory

EDUCATION

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE

University of Waterloo / 2020 (expected graduation – 2025)

GPA: 3.98