Joffre du Preez

(289) 707-1301 | joffre@joffredupreez.com | linkedin.com/in/joffredupreez | github.com/JoffduPreez

EDUCATION

University of Guelph — Guelph, Ontario
BCOMP Bachelor of Computing, Computer Science (Co-op) — *Sept 2020 - Present*

EXPERIENCE

Tulip Retail — Kitchener, ON
Intern Software Developer — *May 2023 - Aug 2023*

- Supported the development of a powerful omnichannel checkout system at Tulip Retail, actively contributing to the creation of a robust and seamless customer experience
- Extended the back-end API of the checkout system at Tulip Retail by implementing new endpoints, improving system capabilities, and facilitating seamless data interaction
- Collaborated closely with diverse team members to develop and maintain the codebase, fostering effective communication and teamwork skills
- Addressed a wide range of software issues, including routine bug fixes such as managing error logs and resolving high-priority client-specific bugs, ensuring optimal system performance

Exiger — Toronto, ON
Intern Software Developer — *May 2022 - December 2022*

- Set up automated documentation for 123 API endpoints using Swagger OpenAPI Specification
- Connected Swagger OpenAPI Specification with a UI to produce an interactive form of documentation
- Integrated HashiCorp Vault into a project to secure and encrypt start up credentials
- Explored ways to rotate IP addresses using proxy servers in order to effectively scrape web data
- Worked on converting a project into a spring boot application

Mortgage Allies — Remote
Intern Software Developer — *May 2021 - Aug 2021*

- Developed a full-stack mortgage planning calculator web application, utilizing object-oriented concepts in PHP and JavaScript
- Extracted data and converted calculations from an excel file into back end calculations for the web application
- Collaborated with team members on complex style and validation issues to deliver a high quality dynamic UI

PROJECTS

SVG Parser | *C, Node.js, JavaScript, MySQL, HTML, CSS*

- Created a web application which allows users to upload, view, and edit images
- Uses a MySQL database to store saved SVG images (in progress)
- Utilized a C back end to parse SVG images, which connects to the client side through Node.js

Portfolio Management Program | *Java*

- Constructed a graphic user interface using Java to manage investments for users
- Allows a user to buy, sell, and update stocks and mutual funds while tracking the gain of their portfolio and investments
- Applied object-oriented programming to explore libraries which aided in creating an organized structure

TECHNICAL SKILLS

Languages: C, Java, JavaScript, Python, PHP, HTML, CSS, SASS, SQL
Developer Tools: Git, Docker, HashiCorp Vault, Jira, Bitbucket, Visual Studio Code, IntelliJ, Chrome dev tools, Command line

AWARDS

Hack the Job Hackathon - 2nd Place Overall — January 2022

- Placed second place overall in the Hack the Job Hackathon
- Developed a full-stack web application which allows users to create a personalized website based off different templates