

David Sedarous

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Address: Ottawa, ON, Canada

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TECH STACK: C / C++, Java, Python, React, SQL, Valgrind, Catch2

OTHER SKILLS: Jira, Git, Linux, Unit Testing, UML Design, Multithreading, Git

EDUCATION

Carleton University - Bachelor of Computer Science (BCS) | Ottawa, ON (2020 - 2024)

Concentrations: Honors, Software Engineering & Testing

Relevant Coursework: Data Structures & Algorithms, Web Development, Relational & Transactional Database Systems, Scrum & Agile Development Methodologies, Test Driven Development

Test Driven Development:

Incrementally implemented, documented, and tested a tournament-style card-game system using Test Driven Development in Java, consisting of over 100 commit-test pairs to Github and 4 acceptance test suites, developed using JUnit5, Selenium, and Cucumber.

Real-Time Embedded Systems:

Designed, implemented, and gradually tested a multithreaded elevator software system wherein each threaded elevator communicated with a threaded scheduler subsystem on a different device using UDP. Designed using UML standards, programmed in Java / JUnit5.

PROJECTS

Rune-Tactics - Node.JS Web Application (2023)

- Developed a data-displaying web application that takes user input and queries an API to dynamically update the DOM to display corresponding information and images. Launched the website using Google Cloud Protocol.

PROFESSIONAL EXPERIENCE

Partner & Barista Trainer - Starbucks Coffee Company (2018 - 2021)

- Trained 1 year's worth of new hires (3-5 trainees/3 months) to deliver handcrafted beverages, effective customer service, and remain efficient in a high-paced work environment.

AWARDS & INTERESTS

Awards: Partner of the Quarter & Barista of the Week (Starbucks)

Interests: Film & Art, Hiking & Biking, UI/UX Design, Programming Projects