Sareena Shrestha

(647) 806 7649   - sareenashrestha@hotmail.com   - https://www.linkedin.com/in/sareena-shrestha-37959a21b/

EDUCATION

Queen's University   Kingston, Ontario, CA
Bachelor of Computing (Honours) with a Specialization in Software Design   *September 2022 - 2026*

- Relevant Courses: Data Structures, Computer Architecture, Operating Systems, Systems Levels Programming, Software Quality Assurance, Discrete Mathematics II, Statistics I, Software Specifications
- Queen's Excellence Entrance Scholar, Deans Honour List: 2023-2024 Academic Year.

TECHNICAL SKILLS

Languages: Python, Java/Javascript, C/C++, Bash, HTML, CSS, SQL, Haskell, Prolog
Frameworks: Flask, Selenium, React, Django
Developer Tools: Github, Figma, MongoDB, Node.js, Anaconda, Visual Studio Code, MS Office

EXPERIENCE

Undergraduate Teaching Assistant
Queen's University School of Computing   *September 2024 - December 2024*

- Undergraduate Teaching Assistant for CISC 101 – Introduction to Computer Programming.
- Responsible for accurately grading students' assignments in a timely manner and provided detailed feedback on coursework.
- Served as point of contact for students, answering forum questions and responding to all emails.
- Hosted "coding hours," providing supervision and assistance when needed.

Research Assistant
Creative Research Designs, Toronto, Ontario   *July 2023 - September 2023*

- Contributed to the development of a comprehensive physician database, aimed at identifying potential participants for upcoming market research initiatives.
- Conducted thorough research to gather and analyze critical information, successfully identifying over 200 physicians.

PROJECTS

Personal Portfolio Website
GitHub — HTML, CSS, JavaScript, Node.js, Express.js

- Developed a fully responsive portfolio website to showcase my skills, projects, and experience.
- Designed an interactive frontend using HTML, CSS, and JavaScript.
- Built a Node.js backend with Express.js to handle user submission through a secure contact form.

Flight Booking System
GitHub — Flask, HTML, CSS, JavaScript, SQLite, Selenium, unittest, Werkzeug, Jinja2

- Collaborated in a team to design and implement key features of a flight booking platform using Flask, HTML, CSS, and JavaScript.
- Developed functionality for user authentication, registration, booking management, and cancellations, with a focus on security and user-friendly design.
- Utilized SQLite for data storage and Jinja2 templates for dynamic rendering of content.
- Wrote unit and integration tests using unittest and Selenium to validate implemented features and ensure functionality.

Scavenger Hunt
GitHub — HTML, CSS, JavaScript

- Created an interactive web-based scavenger hunt using HTML, CSS, and Javascript.
- Successfully attracted and engaged over 50 users.

EXTRACURRICULARS

Director of Events

Queen's Computing Students Association, Kingston, Ontario   *April 2024 - Current*

- Oversees all large scale COMPSA related events, including the annual Computing Semi-Formal and Formal.
- Lead the recruitment, hiring, and management of a team of Formal Convenors, Logistics Coordinators, Event Coordinators, and interns.

Director of Marketing

Queen's Technology and Media Association, Kingston, Ontario   *March 2024 - Current*

- Shapes and brands the public image of the club through strategic marketing, branding, and promotional efforts.