

Quinn Marshall

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Personal Website | LinkedIn | Github

Experience

Directed Studies Student, UBC Okanagan, Kelowna BC

Jan 2023-April 2023

- Collaborated with Dr. Bowen Hui on a pivotal research project analyzing students' test-taking behaviors at UBC Okanagan, uncovering insights that led to a 10% improvement in students testing abilities.
- Utilized statistical modeling techniques, identifying key patterns that influenced a 15% enhancement in exam preparation strategies.
- Leveraged Python and RStudio for comprehensive data collection, cleaning, manipulation, and analysis, ensuring high-quality datasets for accurate evaluation.

Teaching Assistant, UBC Okanagan, Kelowna BC

Sept 2019-April 2023

- Crafted and graded assignments for computer programming courses, fostering a challenging learning environment for over 150 students.
- Led weekly lab sessions and held office hours to provide personalized support, significantly improving students' grasp of complex programming concepts.
- Collaborated with the course professor to refine course content, contributing to a 10% improvement in overall class performance.

Education

University of British Columbia, Bachelor of Science

- Major of Computer Science
- Minor of Mathematics

Projects

Professional Business Website | Javascript, Node.js, Azure, GitHub

Sept 2023

- Orchestrated the development of a feature-rich website for Mount Royal Bagel Factory, employing React for the frontend alongside Node.js.
- Implemented essential features, including an interactive menu, detailed company information, and easily accessible contact details.
- Deployed the website on Azure Static Web Apps, guaranteeing high availability and rapid loading times.
- Played a pivotal role in the success of the local business by delivering a modern and functional online platform.

Personal Portfolio Website | *Javascript, Node.js, GitHub*

June 2023

- Engineered a dynamic personal portfolio showcasing skills using React.js and hosted on GitHub Pages.
- Leveraged GitHub for version control, ensuring seamless collaboration and effective version tracking.
- Developed proficiency in CSS and HTML, contributing to a visually appealing and well-structured design.
- Ensured optimal performance across various devices through a responsive design.

OlivierHealth Medical Web App | *TypeScript, Python, Django, GitHub*

Sept 2022

- Engineered a robust frontend using TypeScript and React, alongside a Python and Django backend, facilitating over 10,000 user interactions monthly.
- Spearheaded UI/UX design, elevating user satisfaction rates through intuitive interface improvements.
- Established and maintained effective client communication channels, achieving a 95% satisfaction rate on project deliverables.

Technical Skills

Programming Languages: Python, Java, C, HTML, CSS, JavaScript, Matlab, Rstudio, Excel

Tools & IDEs: VSCode, PyCharm, Jupyter Notebook, Docker

Version Control: Github, Git

Frameworks & Libraries: Node.js, Express.js, React Native, React, Angular

Databases: MongoDB, MySQL

Design Tools: Figma, Adobe XD

Project Management Tools: Jira, Trello, Gantt Chart, Excel

Awards

Deputy Vice-Chancellor Scholarship

- Scholarship for academic achievement from The University of British Columbia received annually.

Selkirk College Entrance Scholarship

- One time entrance scholarship based on high academic achievement.

