Michelle Wang

Year 4, Computer Science + Master of Management Dual Degree
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TECHNICAL SKILLS

Programming: Java, Golang, C++, C, Racket, R, MATLAB, Python*
Web: HTML, CSS, PHP, Javascript*, Node.js*, React.js*, Express.js*
Database: SQL, Firebase*, MongoDB*
Tools/Libraries/Frameworks: Git/Github, IntelliJ, Visual Studio Code, Drracket, R Studio   * Currently acquiring

TECHNICAL PROJECTS

SketchConnect | JavaScript, HTML/CSS, React.js, Node.js, MongoDB, Express   May 2023 - Present
- Worked on the backend development of SketchConnect, a collaborative doodling application built on the MERN stack.
- Implemented robust data storage solutions using MongoDB, efficiently storing session records, user drawings, and associated metadata, optimizing query performance for a smooth user experience.
- Collaborated with the frontend team to define API endpoints and establish smooth data flow, enabling seamless synchronization of user interactions and real-time updates across the application.

Meet | HTML/CSS, PHP, MySQL   Sep 2022 - Dec 2022
- Developed a social media/communication platform for students, modelling various aspects of the domain using a database.
- Utilized PHP as the platform for the project, with an application technology stack including Oracle, HTML, CSS, and use of MySQL for basic command-line interface operations.

Hoji | Java   Mar 2022
- Implemented flashcards functionality and a 25-minute Pomodoro timer using Java Swing, overcoming challenges in code integration and timer accuracy.
- Successfully completed a fully functioning hackathon project, showcasing teamwork and communication.

Programming Assignment | C++   Feb 2022
- Solved various problems using algorithms and data structures learned in class.
- Implemented a priority ordering structure, colour picker for images, and wrote a flood-fill algorithm.

WORK EXPERIENCE

Software Development Intern | Moz Inc.   Jan 2023 - Present
- Worked on API development using Golang, implementing new features and enhancing existing functionalities, resulting in improved data retrieval and increased efficiency for external integrations.
- Developed CLI tools, streamlining data access and manipulation, empowering team members for efficient interaction with company data, reducing manual processing time and enhancing accessibility.

Computer Science Teaching Assistant | University of British Columbia   Sep 2021 - Apr 2023
- Collaborated with fellow Teaching Assistants (TAs) to facilitate CPSC 110 labs and office hours, supporting students in grasping the fundamental concepts of computer programming.
- Addressed students' inquiries, providing clear explanations and guidance to aid in their comprehension of the course.

Medical Office Assistant | Dr. Kim Liew Inc.   Aug 2019 - Nov 2022
- Worked alongside the panel physician to provide immigration medical examinations for clients using the eMedical system.
- Managed clients' health histories and efficiently handled administrative tasks while delivering attentive face-to-face service.

VOLUNTEER EXPERIENCE

Sponsorship Coordinator | UBC nwPlus   May 2022 - Present
- Build and develop partnerships with industry professionals from diverse organizations, fostering connections from local startups to multinational corporations.
- Secure new sponsors through various outreach methods and contribute to the success of three hackathons, coordinating with logistics and marketing teams to ensure sponsor satisfaction and community engagement.

EDUCATION

B.Sc in Computer Science + Master of Management Dual Degree, 4th Year   Sep 2020 - Present
University of British Columbia
Expected Graduation: April 2025