David Tran

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Summary of Qualifications

- Highly proficient in HTML, CSS, JavaScript, and Python as well as a strong understanding in SEO optimization, web development concepts, and data structure algorithms.
- Proactive, adaptable, and driven self-learner capable of working collaboratively or independently.
- A problem solver with excellent written and verbal communication skills.
- Experience in developing a website/application in an Agile team environment.

Education

BSc - MATHEMATICS AND ITS APPLICATIONS (COMPUTER SCIENCE SPECIALIZATION) | Exp. Dec 2022
Ryerson University

- 4.09/4.33 GPA
- **Relevant Coursework:**

Web Systems Development	SEO Optimization, Client-Side/Server-Side, HTML, CSS, JavaScript, PHP, Bootstrap, ASP, MySQL, Ruby, Python, PERL, JSON, and XML.
Data Structures	Sorting Algorithms, Queues, Stacks, Trees, Linked Lists, Hashing, and Graphs.
Database Systems	Database Architecture, ER Diagram and Relational Schema, SQL, Table Normalization, and Relational Model Query Languages.

Technical Skills

Languages & Technologies: HTML5, CSS3, JavaScript, Python, Java, C, SASS, MATLAB, PHP, R
Frameworks: Bootstrap, jQuery, React.js
Other: Windows, Linux/Unix, SQL, Git, Visual Studio, Oracle, ojdbc8, MySQL, JavaFX

Projects

Web Development Portfolio
- Created and designed a portfolio using HTML, CSS, JavaScript, Bootstrap, GSAP, and ScrollMagic.js.
- Emphasized responsiveness and accessibility in the web design process for the best user experience.

Movie Store Database Application
- Developed a fully functional Movie Store application and a relational database from scratch using agile methodologies with Java, JavaFX, Oracle 12, ojdbc8, and SQL earning a 100% Grade.
- Demonstrated excellent communication and problem-solving skills by programming the application without prior JavaFX knowledge and worked with group members to ensure that all aspects of the database were coherent with one another.

ClosedWeather App
- Led a team of 3 members to develop a weather application using HTML, CSS, JavaScript, jQuery, and Bootstrap on the front end, PHP on the back end, and a MySQL database earning a 95% grade.
- Utilized the OpenWeather API and AJAX calls to fetch and update information on the server-side.

MovieDex
- Developed a responsive Movie Database website using React.js, and CSS.
- Implemented The Movie Database API to fetch movie information.
- Used React Hooks to change state of card components and display it in an organized fashion.