DAVID TRAN

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Summary of Qualifications

- Highly Proficient in HTML, CSS, JavaScript, and Python. With a strong understanding in SEO Optimization, Web Development concepts, and Data Structure algorithms.
- Proactive, adaptable, and driven self-learner with ability to work collaboratively or independently
- Strong critical thinker with excellent written and verbal communication skills and ability to problem solve.
- Experience in developing a website/application in a team environment.

Education

MATHEMATICS AND ITS APPLICATIONS (COMPUTER SCIENCE SPECIALIZATION) - BSc | 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, 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.
- Prioritized 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 working with 2 group members using 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.