

# 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, 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.