DAVID TRAN │Mathematics and Computer Science Student

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Education

BACHELOR OF SCIENCE: MATHEMATICS AND ITS APPLICATIONS (COMP SCI SPECIALIZATION) | Exp. Dec 2022

Ryerson University
- Ryerson Renewable Scholarship Recipient (90%-94.9% Bracket, value of $2000)
- Dean's List (2018 - 2021)
- 4.09/4.33 GPA
- **Relevant Courses:** Web Systems Development, Data Structures, Computer Science I & II, Database Systems I, Intro to C and Unix, Computer Organization I

Technical Skills

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

Projects

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.
- Connected a Web Form to my email using emailJS for an easier way to reach out.

Movie Store Database Application
- Developed a fully functional Movie Store application collaborating with 2 group members using Java, JavaFX, Oracle 12, ojdbc8, and SQL database and earned 100% on the project.
- Followed the basic Database Design procedure to ensure that every table is structured correctly and has the correct relationships with each other.
- 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.

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.

ClosedWeather App
- Led a team of 3 members to develop a weather application using HTML, CSS, JavaScript, jQuery, Bootstrap on the front end, PHP on the back end, and a MySQL database earning a 95% grade.
- Managed changes using Git to push into a development branch and merged final product into master branch repository for a consistent final product.
- Utilized the OpenWeather API and AJAX calls; to fetch and update information on the server-side.