

# 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

**Other:** Windows, Linux/Unix, 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.

### 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.

### 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, 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.

## Work Experience

### **Barista - St. Lawrence Juice Bar | May 2019 – Mar 2021**

- Proactively communicated with customers, upper-level management, and delivery workers.
- Prepared and Served drinks to customers while maintaining cleanliness and managing stock.
- Kept work area organized for optimal efficiency for myself and team members.