

ERIC STAD



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Portfolio-Wesbite/](https://eric-stad999.github.io/Portfolio-Wesbite/)



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EDUCATION

POST SECONDARY

Simon Fraser University

- Pursuing B.Sc. Computing Science

Jan 2025 - Current

Douglas College

- Computing Science

Sep 2022 - Dec 2024

SECONDARY SCHOOL

Terry Fox Secondary School

- Grand Honour Roll

Sep 2018 - June 2022

PROGRAMMING COURSEWORK

- Data Structures & Algorithms
- Computer Architecture
- User Interface Design
- Designing With Raspberry Pi
- Intro to Software Engineering

EXPERIENCE

CINEPLEX - CAST MEMBER

As a cast member, I worked in floor and concession, and during these roles I had to time manage, communicate with customers and employees, and be organized as I had to clean theaters/concession, or take orders.

July 2022 - Now

AIR CADET INSTRUCTOR

As an instructor, I would construct logical lesson plans that cater to all types of students, and conduct various activities while teaching. During this role, I had to use critical & creative thinking skills to teach, and had to communicate effectively with students and peers.

Sep 2020 - June 2022

INTRODUCTION

I am an aspiring software engineer with a passion for creative problem-solving and a strong foundation in programming, seeking an opportunity to further develop technical skills and gain industry experience. If you should have any questions, please do not hesitate to contact me through phone or email. Your kind consideration of this application is greatly appreciated.

PROJECTS

ANIME INSIGHT WEB APP

Along with 3 other team members, we are building a web application tailored to users who love exploring new anime/manga. Yomiru provides users with anime/manga suggestions that tailor to their interests so they can explore new series.

- HTML, CSS, Javascript, React

RANDOM DUNGEONS & DRAGONS CHARACTER GENERATOR

Built a Full-Stack, fully functioning character generator for the popular role-playing game, allowing for ease of access for new players and returning players to make a character in very little time. <https://eric-stad.github.io/dndcharactergenerator/>

- Java, Java Springboot, HTML, CSS

EXPENSE MANAGEMENT APP PROTOTYPE

Along with 3 other team members, built an expense management app tailored to people who use online banking on their mobile device(s). Prioritizes efficient ease of use & shows analysis and activity of bank account activity.

- HTML, CSS, Javascript

RASPBERRY PI TRAFFIC INTERSECTION

Along with 2 other team members, built a fully functioning traffic intersection on a Raspberry Pi 4. Features a queue that handles car and pedestrian traffic, and an ultrasonic sensor that detects incoming vehicles and changes LEDs accordingly.

- Python, Raspberry Pi GPIOs

SKILLS

- Proficient
 - Java, C++, C, Python
- Familiar
 - Java Springboot, HTML, CSS, Javascript, React