Jordan Tran

jordantran092@gmail.com jordantran092.github.io/Website-Portfolio 647-323-2782

Summary

- Computer Science Student informed in Object Oriented Programming and Test Driven Development for streamlined workflow
- Approach to collaborative work is a team-first mindset
- Ability to apply self constraint and be disciplined for a goal
- Capacity to recognize cognitive biases and be open minded

Relevant Projects

Website Portfolio (includes demo videos of projects)

- Developed navigation bar and footer with **code reusability** in mind via **custom elements**
- Utilized Bootstrap Grid System to create 5 **responsive** pages at different screen sizes via 30+ breakpoints and column sizes
- Applied Javascript and CSS to create responsive behavior such as detecting user scroll height to switch between transparent and solid white background of navigation bar
- Built contact page to provide 5 fields with input validation feedback to user with styling from Bootstrap

Bank Mobile App

- Implemented 3 model classes in Java using Object Oriented Programming which relied on the foundation of **test driven development** for **efficient** production
- Operated with Android Studio to design and implement the GUI ranging from 10+ components such as buttons, drop down menus, and input fields
- Created a controller class to facilitate model and view interaction through attaching control methods to GUI components and invoking relevant model methods to display results
- Incorporated **5 services** such as account creation, deposit, withdraw, transfer, print statement
- Integrated input validation feedback by providing the most relevant error out of 10+ error cases through a priority chain

Video Game

- Built in Python using Object Oriented Programming to help facilitate vehicle data through classes
- Utilized PyGame library to create and display 7 vehicles, progress bar, and to simulate the experience of driving on the GUI
- Developed 4 game termination scenarios which involved collision detection with user and bot vehicles, crossing upper and lower window boundaries, and victory
- Implemented dynamic creations of 6 bot vehicles and unpredictable bot vehicle pathing to encourage user collision in order to create an **appropriately challenged experience**

Technical Skills

Languages: Java, Python, C, HTML, CSS, JS, Bash, RISC-V

Other: Android Studio, Bootstrap, Linux, PyGame Library

Education

Honours Bachelor of Science in Computer Science, York University, Toronto Expected Sept 2027

Awards

Computer Studies Award (Java), Tommy Douglas Secondary School, Vaughan, ON 2019