

Harprabh Gill

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Skills

Programming Languages: Java, Python, C, C++, ARM, Html, Css, Tailwind, React, Php, Javascript, SQL

Developer Tools: Git, Github, Command Line/Terminal, Visual Studio, VS Code, Eclipse, Xcode, SceneBuilder

Communication: Fluent in English, Punjabi, Hindi and Urdu

Leadership and management skills: Led project initiatives by communicating with different teams in order to make sure that they were all getting work done by the set deadline. If an issue would occur with one of the teams or a specific member, assistance would be provided directly or by directing to other sources of aid

Projects

Dungeon Crawler (class term project)

- Created a text based adventure game which consisted of randomly generated events and puzzles that appeared after the user had chosen from a series of options given for each event they encountered
- Designed a GUI for the text based adventure game with images, sound effects and menus
- Developed test cases and added documentation to ensure that the code runs correctly

COOP Self checkout system (class term project)

- Created a simulation of the self checkout system used in Coop using Java.
- Developed code for the backend, frontend, and testing while communicating with team members and discussing the project details for an efficient work environment
- Designed sequence, state, and structural diagrams for the the different actions associated with the checkout system

Wrench King Auto Repair (class term project)

- Created a website for an auto shop using Html, Css, and Php for the frontend while using phpMyAdmin and SQL for the database
- Developed code for the website to function while also using creating a database for the users to login and check the inventory as well as allowing them to add and remove items
- Designed diagrams for the relational model as well as the enhanced entity-relational model

Education

University of Calgary

September 2019 - Present

Bachelor of Science in Computer Science; Concentration: Software Engineering

Achievements: 2019 - 2020 Dean's list

Work Experience

Marshalls

Cashier/Project/Salesfloor/Maintenance

October 2021 - Present

- Coordinating with supervisors to ensure floor is stocked with incoming goods
- Communicating with managers to ensure the safety of others
- Handling transactions worth thousands of dollars daily
- Assisting customers with the details provided in order to satisfy the customers needs