Parth Solanki

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SKILLS

Languages: Python, C, C++, Java, JavaScript, SQL, HTML, CSS

Fromeworks/libraries: Angular, Node.js, Express.js, Android

Other Tools: Git, LaTeX, Linux

EXPERIENCE

CGI INC. | Software Developer Co-op

May 2019 – August 2019 | Toronto, On

- Worked as a Client-Side Developer at the Canadian Imperial Bank of Commerce (CIBC) in order to develop large scale applications
- Lead a team of 4 developers in implementing Accessibility for Ontarians with Disabilities Act's (AODA) guidelines to ensure that applications are compliant, resulting in the application getting approval from an AODA auditor
- Effectively executed client's needs and wants in order to build interactive UI using HTML, CSS, Javascript, and AngularJS resulting in a modern app which gained a great deal of positive feedback

EDUCATION

UNIVERSITY OF TORONTO | Honours Bachelor of Science | cGPA: 3.93/4

September 2018 - May 2022

- Computer Science - Software Engineering Specialist
- Received Scholar's Program Scholarship ($7500) given to the top 700 applicants across all 3 campuses
- Received Entrance Scholarship ($12000)

PROJECTS

(github.com/ParthSolanki1)

HREZ | Angular, NodeJS, ExpressJS, SQLite, HTML, CSS

- A web app that allows employees within a team to communicate with one another by posting announcements
- Utilizes SQlite database to store user information for authentication and announcements made by users to their teams
- Created a RESTful API that works along with the interactive UI to produce a fast web app.

PLANET SIMULATOR | Python, Pygame

- Created a game that simulates the movement of a spaceship navigating through planets with varying gravities which alter the path of the spaceship
- Utilizes many physics equations and algorithms to produce a more accurate simulation

MINI MUSIC SYNTHESIZER | C

- Produced a script that creates an executable .wav file from musical notes inputted by the user through text files, using Karplus-Strong plucked string algorithm
- Utilizes binary search trees and recursive algorithms to add or remove musical notes inputted by the user

LET'S TALK | HTML, CSS, JavaScript

- Led a group of 5 to build a social media prototype web app that helps individuals with mental health issues interact with one another
- Integrated Google Maps API into the application to show the location of other users using the app