Carla Castaneda . Jarvis Consulting

I am a recent Computer Science graduate from Wilfrid Laurier University with a passion for technology and education. I love helping others and learning about the problems that are affecting my community . I feel most fulfilled when I am able to help solve a problem using my creativity while also challenging myself and learning new skills. I am most excited about how artificial Intelligence will progress and help better the lives of people around the world by providing solutions for many global as well as local issues.

Skills

Proficient: Java, Data Structures, RDBMS/SQL, Python, Git

Competent: Javascript, HTML/CSS, Agile/Scrum, C, Android Studio

Familiar: Linux/Bash, Docker, PHP, React.js, VBA

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_CarlaCastaneda

Cluster Monitor [GitHub]:

- Created a Monitoring Agent program using Bash scripts which collect hardward specs and memory usage data from nodes in linux cluster
- Using PSQL, Docker, Linux/Bash, git/github, shell scripts

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Developed CustomerDAO (data access object) which performs CRUD operations on customer table of hplussport database stored in docker psql instance. also contains a database connection Manager class to connect to JDBC URL which contains the database and host and username and password. Technologies used are JDBC to manipulate data in database using CRUD operations and Customer objects, PSQL to acess database, MVN, Docker, intelliji and git/ github.
- Grep App: Developed a Grep (regex) style application in Java which is able to parse through a directory of Files, similar to the grep linux command which returns matching strings from files.Able to recursively check a root directory and all its child directories for files which contain the regex pattern specified by user in command line arguments and write the matching lines to a file also specified by user.I have used a number of libraries and API's such as Stream, Arrays, ArrayList Lambda expressions, Regex API.The IDE used is Intelliji and docker was used for deployment.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

CuddleBug App [GitHub]: Developed an Android application that allows users to create a movie list based on suggested movies and view movies in common with friends. Used Google Firebase to implement user login and mongodb to store users and movies.

Sudoku Puzzle Solver [GitHub]: Implemented the AC-3 Algorithm (Arc consistency algorithm) which is able to solve a sudoku puzzle. Used Javacript, React, Flask, Python

Professional Experiences

Software Developer, Jarvis (2022-present): Develop Full stack solutions using programs and application for clients with differing business needs

Tutor, Code Ninjas (2020-2021): Introduced students to programming concepts using Javascript and Code Ninjas curriculum. Created, Implemented and Managed student progress feedback system for parents and built strong relationships with parents and students

Education

Wilfrid Laurier University (2017-2022), Honours Bachelor of Science, Computer Science - Entrance Scholarship-Faculty of Science - Dean's List (2017, 2018): Faculty of Science - Dean's List (2020, 2021): Faculty of Science - GPA: 10.56/12 - Graduated With Distinction

Miscellaneous

- Video Editing
- Advertising and Marketing
- Social Media Marketing
- Jupyter Notebooks
- Eclipse IDE
- Dance
- Painting
- Volunteering
- Outdoor Activities