Cassidy Linhares

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Professional Summary

A creative and problem-solving software engineering student working towards a bachelors in engineering. Diligent and dedicated with an aspiration to grow my critical thinking skills. Looking for an internship where I can complete tasks to the standards and above while exercising my knowledge.

Skills

- Knowledge of Java: object oriented programming, HTML, CSS, JavaScript, PHP, MySQL/SQL, VB.NET, C++, Python
- Experience with MATLAB, Excel, IBM Mainframe, SPUFI, DB2, and Agile Process
- Get tasks done on time
- Exceptional time management
- Good problem solving skills
- Team player

Projects

K-MEANS CLUSTERING IMPLEMENTATION   2018

Used python to implement the k-means clustering algorithm without the use of libraries for clustering to cluster groups of data up to 100,000 items. The results were to be graphed with a library or program of choice. The clusters were displayed using pygame.

HOTEL SERVICE WEBSITE   2017

Created a hotel booking service site that lets users enter their destination and a database of hotels in that area will display. When the user picks a hotel and room, it displays all the amenities with it and once booked, displays the room as unavailable. Users must have a registered account in order to book a room. The project was done in PHP, CSS, HTML, and MySQL.

Experience

DATABASE ADMINISTRATOR CO-OP, CIBC   MAY 2018 – AUGUST 2018

- Worked with a small team to convert and migrate about 150 table spaces from a simple table space to universal table spaces on IBM z/OS mainframe.
- Created queries for renaming, dropping, and queries for a backup plan on all the tables in the 150 table spaces
- Assisted with developing a new development environment by creating DB2 SQL and IMS databases.

PROGRAMMING INSTRUCTOR, REAL PROGRAMMING 4 KIDS   MAY 2017 – JUNE 2018

- Taught students basic coding skills and math concepts in commonly used programming languages to build a video game
- Assisted students with implementing their own ideas to enhance their video game

Team Leader, Cineplex   2014-2016

- Supervised up to 10 employees to ensure easy work flow, assigned duties, and planned break times.
- Worked effectively in a fast paced environment providing professional service.

Education

BACHELORS OF ENGINEERING (HONS), Software Engineering   2020

- University of Ontario Institute of Technology