Devon Wright

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Hard-working individual, seeking to use my strong foundation in software engineering and programming principles to meet a company's business needs. Developed a news aggregator that performs sentiment analysis on each article and provides polarity and subjectivity score for the user.

EDUCATION

California State University - Long Beach, 2019

B.S. in Computer Science

- Excelled in software engineering and programming coursework, 3.5 GPA.
- Received Dean's Honor List.

PROJECTS

News Aggregator with Sentiment Analysis - Independent Project, Dec 2019 - Jan 2020

- Written in Python, created a web scraper that collects news articles from various news sites.
- Sentiment analysis is performed on each article using the TextBlob python library.
- Used Flask, micro web framework, to create a web app.
- Web app allows user to select a news category and is given a collection of news titles and links.

Technologies Used: Python, Json, Flask, Git, TextBlob

Automotive Database - School Group Project, Aug 2017 - Dec 2017

- As a team, designed and developed a database for a used car dealership based on business needs.
- Designed an interface in Java and wrote complex queries in MySQL that allows users to retrieve specific information from the database.
- Utilized relational database principles to construct UML diagrams of necessary classes.
- Designed a relation scheme for the entire database to help with advanced querying.

Technologies Used: Java, MySQL

Playify - School Group Project, Jan 2019 - May 2019

- Using Java, developed a music streaming service allowing users to search for songs, create playlists and listen to songs.
- Phase 1: Implemented a working interface that allows a user to play songs locally.
- Phase 2: Extended the interface to follow the client-server architecture and UDP protocol.
- Phase 3: Developed a distributed file system based on Chord to read and serve client request.

Technologies Used: Java, Json, Gson, Git

Volunesia - Senior Group Project, Sep 2018 - May 2019

- Written in C#, developed a mobile application using the Xamarin cross-platform framework.
- Designed and implemented a Firebase database to store information regarding volunteers and nonprofit organizations.
- Developed the backend and frontend components of the Android version.
- Successfully managed our team and project using the scrum framework.

Technologies Used: C#, Firebase, FireSharp, Xamarin, Git, Agile Methodology, Scrum