

Devon Wright

Phone: (209) 482-7492

Email: devon.a.wright95@gmail.com

Linkedin: www.linkedin.com/in/devonwright95

Hard-working individual, seeking to use my strong foundation in software engineering and programming principles to meet a company's business needs. Developed an Android application to help nonprofit organizations connect with volunteers and track volunteers time spent making a difference.

PROJECTS

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

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

Machine Learning Curated Playlist - Independent Project, May 2019 - Jun 2019

- Using Python, designed and developed a system that leverages machine learning to group songs together and create unique playlist.
- Obtained user data from Spotify's API using the SpotiPy Python library.
- Determined a listeners most frequently occurring mood using their most played songs from the last 3 months.
- Successfully implemented the K-Means clustering algorithm from the Scikit-learn library.

Technologies Used: Python, Jupyter Notebooks, Scikit-Learn, Matplotlib, K-Means, Pandas

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

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.