Jack Lunceford

jackalunceford@gmail.com | Lawrence, KS | (913)-223-0960 | jalunceford.com

EDUCATION

The University of Kansas | Lawrence, KS | Expected Spring 2022

- GPA: 3.71 / 4.0
- Computer Science and Mathematics Major.
- Member of Honors Program and Self Engineering Leadership Fellows (SELF) program.
- ACM Webmaster and Tutor, Programming Club, Club Tennis Team.

RECENT EMPLOYMENT EXPERIENCE

Software Engineering Intern | RiskIQ | Remote | May-August 2020

- Worked on PassiveTotal team in charge of developing the RiskIQ Community Edition Web App.
- Created several features such as Reverse DNS Lookup for PassiveTotal product and redesigned User Admin page through implementation of server-side paging.
- Built Microsoft Advanced Threat Protection (ATP) integration for use in PassiveTotal.
- Tech stack included Java, Spring MVC, Javascript, React, MongoDB.

PROJECTS

Quipdraw | August 2020

- Real-Time Drawing Game Web Application based on JackBox Games' Quiplash game. Players in room vote on the best drawings and receive points for their artistic abilities. Implemented with Node.js, Express, React, Firebase, SocketIO, Javascript.

Youtube With Friends | April-May 2020

- Real-Time Web Application that allows user to watch Youtube videos simultaneously with others via the Youtube IFrame Player API. Through Socket.IO, user actions are reciprocated by all clients in a room, such as when user presses the play button. App also includes real-time messaging system. Implemented with Node.js, Express, Firebase, SocketIO, Javascript.

Potholio | February 2020

- Worked on team at HackKU hackathon that built a pothole detector/reporting system. Used Swift to create an iOS mobile app that detects potholes through use of iPhone accelerometer (intended for use while driving in car with iPhone placed on level surface). When app detects a pothole, its coordinates are used to automatically fill out a City of Lawrence Pothole Report form.

Ticker Predictor | July-August 2019

- Flask Web Application that predicts future stock prices based on historical price trends using an LSTM recurrent neural network built with Tensorflow and Python. App allows user to input any publicly traded stock ticker and receive a text message from Twilio API containing prediction of tomorrow's opening price of that stock.

SKILLS

- Python, Javascript, C++, Java, React, Flask, Node.js, Tensorflow, Firebase, Git, HTML, CSS, Swift.