Jack Lunceford

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EDUCATION

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

- GPA: 3.72 / 4.0
- Computer Science Major and Mathematics Minor.
- Member of Honors Program and Self Engineering Leadership Fellows (SELF) Program.
- Tennis Club.

RECENT EMPLOYMENT EXPERIENCE

Software Engineering, Batch Intern | Cboe Global Markets | Remote | May-August 2021

- Worked on Billing subteam of Batch Software Engineering team.
- Created script that helped validate completion of product invoices.
- Worked on script that sends out weekly email displaying commits for Batch team.
- Tech stack included Python and SQL.

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

- Worked on PassiveTotal team in charge of developing the RiskIQ Community Edition web application.
- Worked on features such as Reverse DNS Lookup for PassiveTotal product and redesigned User Admin page through implementation of server-side paging.
- Worked on 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, Socket.IO, Javascript. Worked individually on project.

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, Socket.IO, Javascript. Worked with group on project.

Ticker Predictor | July-August 2019

- Flask web application that predicts future stock prices based on historical price trends using a long short-term memory (LSTM) recurrent neural network built with Keras 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. Worked individually on project.

SKILLS

- Python, Javascript, C++, Java, SQL, React, Flask, Firebase, Git, HTML, CSS.