Jack Lunceford

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EDUCATION

The University of Kansas | Lawrence, KS | Fall 2018 - Spring 2022

· GPA: 3.66 / 4.0

· Computer Science Major and Mathematics Minor.

· Member of Honors Program, Self Engineering Leadership Fellows (SELF) Program, and Tennis Club.

RECENT EMPLOYMENT EXPERIENCE

Software Engineer | Microsoft | Remote | June 2022-present

· Currently on Microsoft Defender Threat Intelligence (MDTI) web app team as a full-stack engineer.

· Contributed to implementation of intel profiles and specialized CVEs features in MDTI web app.

· Built several Microsoft Graph APIs for MDTI for retrieving several types of internet data.

· Reduced tech debt by removing all exclusively legacy PassiveTotal code from MDTI codebase (reducing size of codebase by ~50%).

· Tech stack includes Java, Spring, Javascript, React, MongoDB, Apache Olingo, Azure.

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

· Worked on PassiveTotal team in charge of developing the PassiveTotal web application.

· Built reverse DNS lookup UI feature in PassiveTotal and redesigned the app's user admin page through implementation of server-side paging.

· Built Microsoft Advanced Threat Protection (ATP) integration UI feature in PassiveTotal.

· Tech stack included Java, Spring, 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 local 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 after training is performed. Worked individually on project.

SKILLS

· Python, Javascript, C++, Java, Spring, SQL, MongoDB, React, Olingo, Azure, Git, HTML, CSS.