

# Jack Lunceford

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## EDUCATION

### **The University of Kansas - Lawrence, KS, Expected Spring 2022**

- Cumulative Undergraduate GPA: 3.44.
- Pursuing B.S. in Computer Science, Mathematics.
- Notable completed courses: Honors Programming I, Calculus III, Honors Introduction to Digital Logic & Design, Elementary Linear Algebra.
- Member of Honors Program.
- 1 of around 30 students in Class of 2022 selected to join Self Engineering Leadership Fellows (SELF) program (most prestigious four-year program within KU School of Engineering).

## RECENT EMPLOYMENT EXPERIENCE

### **Tennis Instructor | Blue Valley Recreation | Leawood, KS | May-August 2019**

- Served as tennis coach for juniors ranging in age from 5 to 16 in both group and private sessions.

## ACTIVITIES

- Member of Association for Computing Machinery (ACM), Engineers Without Borders (EWB), and Club Tennis Team at University of Kansas (KU).

## LEADERSHIP EXPERIENCE/VOLUNTEER WORK

- Co-captained Relay for Life team that ended up raising over \$2000 for American Cancer Society.

## PROJECTS

### **Capital One Mindsumo Coding Challenge | October-November 2018**

- Selected by Capital One to take part in MindSumo coding challenge; performed data analysis with Python on bike share data collected from the city of Los Angeles.

### **Ticker Predictor | July-August 2019**

- Constructed a long short-term memory (LSTM) recurrent neural network in Python that uses machine learning to predict future stock prices based on historical price trends, and deployed the model in a web app using Flask with HTML UI design. App allows user to input any publicly traded stock ticker; output to user is a text message containing prediction of tomorrow's opening price of the stock that was chosen.

### **MyDay | August 2019-present**

- Collaborating with peer to create an iOS mobile app in Swift through Xcode that includes notes, calendar, and reminders features. The notes will be stored in a SQL database.

### **Quipsketch | August 2019-present**

- Co-developing an iOS drawing game mobile app in Swift through Xcode that allows user to compete against friends and receive judgment from machine learning neural network.

## BASIC PROGRAMMING SKILLS

- C++, Python (Sci-kit learn, Pandas, Numpy, Keras, Tensorflow, Matplotlib), Swift, HTML. \

