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# Chase Adams

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## SKILLS

- *Math*: Thorough skill and coursework in basic math, calculus (including multivariable), statistics, and linear algebra
- *Coding*: Experience coding in Python, Java, SQL, C, and scheme
- *Machine Learning*: Experience in creating and analyzing different machine learning models ranging from simple binary classification models to large convolutional neural networks

## EXPERIENCE

### **SwingVision** - *Data Labeling Intern (Computer Vision & AI)*

December 2021 - Present

- Obtained experience labeling images of tennis matches for a cutting edge computer vision startup app
- Maintained consistency in data labeling in order for better model training

### **Yartsev Lab, Berkeley, CA** - *Research Apprentice*

September 2021 - Present

- Worked with a team of apprentices to study machine learning techniques and apply them to parse Egyptian fruit bat vocalizations from noise recordings using pytorch
- Learned about how sound is represented and analyzed, and about state of the art techniques used to record and extract bioacoustic features of animal vocalizations
- Compared and analyzed accuracies of different models using Jupyter notebook and pandas

### **Skoruz Technologies** - *Project Intern*

April 2020 - Present

- Experience creating REST APIs in python with Flask and Django, as well as using MySQL and PostgreSQL to store data
- Learned about convolutional neural networks through use case projects including OCR, face detection, face mask detection, and object classification
- Obtained research and transfer learning experience

## EDUCATION

### **University of California, Berkeley, Berkeley, CA**

August 2019 - Present

- Junior at UC Berkeley, pursuing a Bachelor's degree in Electrical Engineering and Computer Science and a minor in Data Science
- 3.74 GPA; Coursework already completed or currently taking includes: Multivariable Calculus, Linear Algebra, Interpretation of Computer Programs, Discrete Math and Probability, Foundations of Data Science, Data Structures, Machine Structures, Artificial Intelligence, Efficient Algorithms, and Introduction to Machine Learning