

Tejas Prakash

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EDUCATION

Purdue University, West Lafayette, IN (GPA: 3.26)

August 2019 - Present

Bachelor of Science in Computer Science - First Year Major: Computer Science

Relevant Coursework: Programming in Java, Programming in C, Discrete Mathematics, Multivariable Calculus, Linear Algebra

Archbishop Mitty High School, San Jose, CA (GPA: 3.91/4.00)

August 2015 - May 2019

EXPERIENCE

MusicLearn (www.github.com/tejasprak/MusicLearn)

March 2019

- Web app that utilizes sentiment analysis to recommend new songs to users
- Utilizing **NLTK (Natural Language Toolkit)** and the **Vader Sentiment Analyzer**, songs that the user had previously listened to were analyzed and compared to other songs to identify recommendations
- Application is integrated with **Spotify** and built with **Python, Django, scikit-learn, Pandas**

SMSNews (www.github.com/tejasprak/SMSNews)

March 2018

- Developed application that serves world news via SMS
- Written in **Python** using **Flask** and **Twilio**

Position-Predictor (<https://tejaspr.me/pospredictor>)

January 2018

- Developed python program to predict position of NBA player using machine learning
- Statistics chosen based on historical indicators
- Written in **Python** using **scikit-learn** and **NumPy** utilizing the **LinearSVC** model

NBASite (www.github.com/tejasprak/NBASite)

August 2017

- Nearly complete basketball reference website with full functionality
- Put together customized **Python** web scrapers to retrieve data from the NBA site using **BeautifulSoup**
- Data was cleaned using **pandas** and **NumPy** and stored using **Django** models
- Every game, player, and statistic recorded in the history of the NBA was stored on the database
- Front-end website written using **Bootstrap**

btcbar (www.github.com/tejasprak/btcbar)

January 2017

- Simple and beautiful Mac OS X menu bar utility for easy access to BTC to USD rate
- Written in **Swift**

LEADERSHIP

Beta Chi Theta - Iota Chapter, West Lafayette, IN

December 2019 - Present

Philanthropy Chair

- Planning and managing 3-4 service events, including correspondence with service agencies
- Extending connections to other fraternities/sororities
- Hosting varied fundraising events throughout the semester

India Community Center, Milpitas, CA

June 2016 - July 2018

Head Counselor

- Managed over thirty counselors and two hundred kids at the summer camp
- Planned and supervised all day-to-day activities
- Planned and taught tennis classes daily to kids aged 5-12