Tejas Priyadarshan

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EDUCATION

University of California, Berkeley **GPA: 3.65 /4.0**
B.A. Computer Science & Data Science *Expected, May 2020*

- **Relevant Coursework**: Data Structures & Algorithms, Efficient Algorithms, Discrete Math, Principles and Techniques of Data Science, Applied Data and Machine Learning, Artificial Intelligence, Databases, Intro Electrical Engineering
- **Activities**: Valley Consulting Group, ANova (Computer Science Teaching), IM Basketball

EXPERIENCE

Spotify **Boston, MA**
Data Engineering Intern *May 2018 – Aug. 2018*

- Utilized Python, Scala/Java, SQL, NoSQL to engineer data pipelines to helping artists and fans connect over the world
- Engineered a Peak SuperFan Score feature, tracking dates of highest streaming scores between every artist and user on the platform (accounts for 2+ million artists, 83+ million users every day, billions of streams daily)
- Peak SuperFan Score feature used to track time series of how many users break their personal SuperFan Score, used as a metric of how an artist's marketing/new album sales/touring is affecting their streaming numbers as a collective.
- Developed data pipelines producing metrics for artists to track fans, reactivity, and strength of streaming metrics

Asana **Berkeley, CA**
Project Manager *August 2018 – Present*

- Leading team of six consultants in collaboration with Head of User Education at Asana for the Fall 2018 Semester.
- Conduct data analysis on product review data using machine learning clustering algorithms to evaluate User Education Resources effectiveness for New Users, and attribution analysis of User Education Experience to positive UX.
- Cluster User Review Data using key words to effectively target pros and cons of 2000+ user reviews.
- Evaluate pain points of product from UI/UX standpoint by developing KPI's/metrics to track over time for NU.
- Conduct NUX research interviews to identify and create data-driven mock-ups of feature implementations for Asana.

Google Education **Berkeley, CA**
Data Analytics Consultant *January 2017 – May, 2017*

- Researching and maintaining processes for data collection and maintenance for Google Education Project
- Engineered web-crawler and web-scraper to create, and self-maintain database for 2000 colleges in the USA
- Studied and presented data collection processes and optimized KPIs as well as research metrics to create an optimal data collection and analytics method for Google to further use for novel applications of data within GSuite

Sighten Co. **Berkeley, CA**
Software Engineering Intern *May 2017- August 2017*

- Full-stack web development utilizing Python, JavaScript, DjangoDB backend, JSON, Angular, CSS and HTML5
- Redesigned and incorporated 8 new features into the reporting application of the Sighten Management platform
- Increased solar panel installation by 30% (14,639 to date) by creating an installation management platform that helps 60+ installers create financial reports for their leads, increasing efficiency and speed of lead creation and conversion

Invent-A-Bot **Fremont, CA**
Co-Founder and Director *February 2008 – Present*

- Founded non-profit organization dedicated to teaching computer science and robotics education at a low cost
- Created age-specific curriculums for Python, LEGO Mindstorms EV3, & HTML/CSS to foster interest in engineering
- Expanded IAB to 35 schools within the Fremont School District, teaching over 1000 students in East Bay Area
- Franchised robotics class in Saint Mary's School in Pune, India in 2013, led to school's robotics championship in 2014

PROJECTS

LivEvent ***October 2017***

- Given the user's location, LivEvent streams tweets in the background and classifies them based on if they are an event local to the user, conducts sentiment analysis on the tweets of the classified event, then displays an indicator on a map the user should go to a favorable event (i.e. concert) or stay away from the event (i.e. burglary/violent protest reports)
- Utilized IBM Natural Understanding, Microsoft Sentiment Analysis, Twitter Streaming, and Airbnb Maps APIs

NBA Rookie Prediction Classifier (Github Link) ***February 2017***

- Classifier trained to create accurate NBA performance predictions of rookies based on their NCAA college statistics
- Studied the statistics that translate most to beneficial team and individual play utilizing Numpy & DataScience Module.

SKILLS & INTERESTS

Skills: Java, Python, Angular2, Swift, React, React-Native, Numpy, Pandas, TensorFlow, Sci-Kit Learn, JS, SQL
Interests: NBA and College Basketball, Hip-Hop Music Production, NBA analytics