Tejas Priyadarshan

2024 Durant Ave. #301
Berkeley, CA 94704

E-mail: tejaspd@berkeley.edu LinkedIn: linkedin.com/in/tejaspd Website: tejaspd.me GitHub: github.com/tejaspd (510) 896-9712

EDUCATION

University of California, Berkeley **GPA: 3.65 /4.0**

B.A. Computer Science & Data Science *Expected, May 2019*

- **Relevant Coursework**: Data Structures & Algorithms, Efficient Algorithms, Discrete Math, Principles and Techniques of Data Science, Probability and Random Processes for EECS, Applied Data and Machine Learning
- **Activities**: Valley Consulting Group, ANova (Computer Science Teaching)

EXPERIENCE

Sighten Co. **San Francisco, CA**

Software Engineering Intern *May 2017 – Aug. 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
- Revamped solar panel installation by 30% (14,639 to date) by creating installation management platform in Angular helping 60+ installers generate financial reports for their leads, increasing efficiency and speed of lead conversion
- Integrated Celery to create asynchronous solar report generation to allow installers to create multiple reports for leads

Intel **Berkeley, CA**

Student Developer for Artificial Intelligence *February 2017 – Present*

- One of 8% selected undergraduate and PhD students to showcase work in Machine Learning through Intel AI
- Creating a deep-learning educational application that can teach a student computer science based on their learning style
- Held an AI/ML workshop every year for over 120+ students at UC Berkeley's Institute for Data Science

Microsoft **Berkeley, CA**

Contract Consultant *January 2017 – May, 2017*

- Collaborated with VP of Accessibility Tech at Microsoft to create novel approaches in promoting accessibility tech
- Conducted research with organizations in disabled community to examine customer values regarding accessibility
- Developed portfolio of novel venues enhancing accessibility in retail/online space which is being implemented in 2018
- Presented improvements to heads of CSR department resulting in ongoing changes in 30+ Microsoft locations

SaberJack Design **Berkeley, CA**

CEO/Full-Stack Developer *August 2017 – Present*

- Founded website design & marketing agency that works with smaller businesses/non-profits in the Bay Area
- Engineered websites, blogs, & marketing strategies for 12 organizations, leading to an average increase in profit by 80%
- Utilized SEO, growth marketing, and MERN (MongoDB, Express.js, React, Node) to reformat businesses & websites

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, and HTML to foster interest in engineering
- Expanded IAB to 35 schools within the Fremont School District, teaching over 1000 students in East Bay Area
- Raised a cumulative $230,000 to invest into computer science education through Invent-A-Bot's programming classes
- Franchised robotics class in Saint Mary's School in Pune, India in 2013, led to school's robotics championship in 2014

PROJECTS

Farmr (Github Link) ***January 2017***

- Created React-Native App allowing user to take a picture of a plant, then diagnose potential diseases based on spotting
- Utilized Cornell Database with 10,000+ pictures of different plant diseases and their spotted leave images to classify
- Engineered home-screen feed and Watson/TensorFlow image classifier to track health progress of multiple plants

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, Numpy, Pandas, TensorFlow, sci-kit learn, JS, HTML/CSS, MySQL
Interests: NBA and College Basketball, Hip-Hop Music Production, web design, reading, eating exotic cuisines