

Saieashwar Mukund

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Education

BS in Data Science, December 2020,
University of California, San Diego (Major GPA: 3.440)

Objective

Seeking position in the Data Science industry that will utilize and enhance my analytical knowledge. Exceptionally fast learner with a strong sense of dedication, motivation, creativity, and responsibility. Work for a company that touches the lives of numerous people in a positive way through its products, services, and technologies.

Relevant Skills

- Python, R, JQuery, Java, JSON, MySQL
- PANDAS, Machine Learning (scikit-learn)
- HTML, Javascript, CSS, Bootstrap, Pure CSS
- Tools: AWS, PySpark, Docker
- Data Viz: D3, HighCharts, ZingCharts
- Git/Source control
- Photoshop and Video editing
- Writing and editing articles to be published

Experience

Alliant Business Intelligence Internship - Summer 2019

- Utilized machine learning to give the company a data-driven, non-subjective approach to assess risk scores for properties at the zip code level based on predictive factors rather than intuition.
- Created an efficient algorithm that utilized Random Forest Regression, K-Means Clustering, and other machine learning and statistical functions, narrowing data down to 6 significant features per loss type
- Presented my assessments for an automated underwriting model to the management as a proof-of-concept to purchase 3rd party data for analysis and deep learning use.
- The model has been selected for use for automated underwriting as part of renewal processing of client's insurance policies.

Computational Neural Data and Dynamics Lab - Fall 2018 - Summer 2019

- Research assistant/intern and web portal developer at UCSD Cognitive Science Research Lab
- Use of Python, R, MySQL, and Plotly, as well as web application development, to display interactive scatter and tSNE plots.

Huntington's Disease Clinical Research Center - Winter 2017 - Winter 2018

- Volunteered in clinical research, testing patients' reflexes and taking blood and saliva samples
- Worked on data retrieved from samples and tests and presented monthly data to rest of research group
- Public relations (Facebook and Twitter), updating the public on upcoming conferences

Projects

"Red Means Go" YouTube Thumbnail Analysis - Spring 2020 - <https://github.com/codencoding/Red-Means-Go>

- Senior Capstone group project that analyzes the significance of various image features in a YouTube video's thumbnail and how they contribute to the video's success.
- Scraped metadata and YouTube video performance statistics using YouTube API.
- Conducted image feature extraction, using skimage for basic features and dlib for facial recognition.
- Created webpage and presented project to fellow students, professors, and Halicioğlu Data Science Institute industry partners.

Temple Web Application - Summer 2018 - <https://github.com/saieashwarmukund/BhajanBook>

- Internship at non-profit organization: Developed mobile-responsive web app for online repository of devotional songs (HTML, CSS, JavaScript, JQuery, JSON, MySQL, Eclipse, Tomcat, and Web Service)
- Built analytics on data based on user interaction with the application.

Awards, Achievements, & Interests

Music - Trained in Carnatic music and Tabla. Soloist and Point Bass at UCSD's South Asian Acapella team, Sitaare. Contributed to 1st place win at UCLA Sahana 2018. Placed 4th in the nation among over 30 teams.

Art - Passionate about drawing and painting. Won 1st in County and Honorable Mention in State for 24th Annual John Wayne Airport Student Art contest. Spent time teaching children art techniques.

Computer Building - Self-taught experience with computer hardware assembly and maintenance for at-home setup. Able to distinguish PC part compatibility and troubleshoot some hardware technical difficulties.