

# Saieashwar Mukund

**Address:** Irvine, CA 92604

**Cell:** (949)-241-9671

**Email:** saieashwar@gmail.com

**Portfolio:** [saieashwarmukund.github.io](https://saieashwarmukund.github.io)

**Linkedin:** [linkedin.com/in/sai-mukund](https://linkedin.com/in/sai-mukund)

## 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. Interested in working for a company that touches the lives of numerous people 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 3<sup>rd</sup> 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 4<sup>th</sup> 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.