

# Saieashwar Mukund

**Address:** 22 Goldenbush, Irvine, CA 92604

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

**Email:** saieashwar@gmail.com

**Website:** <http://saieashwarmukund.github.io/>

## Education

### **Major: Data Science**

Fourth Year at University of California, San Diego

BS in Data Science, December 2020, University of California, San Diego (GPA: 3.065)

## Objective

Seeking position in the Data Science industry/domain that will utilize and enhance my Data Science 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

- Programming (Python, R, JQuery, Java, JSON, MySQL)
- Data Analytics: PANDAS, Machine Learning (Scikit-Learn)
- HTML, Javascript, CSS and Bootstrap
- Git/Source control
- Photoshop and Video editing
- Writing and editing articles to be published

## Experience

### **"Red Means Go" YouTube Thumbnail Analysis - Spring 2020**

- Senior Capstone group project that analyzes the significance of the various features of a YouTube preview thumbnail that can contribute to a video's success.
- Scraped metadata and YouTube video performance statistics using API.
- Conducted image feature extraction, using skimage for basic features and dlib for facial recognition and detection.
- Created final project webpage and presented to fellow students, the HDSI department, and industry partners.

### **Alliant Business Intelligence Internship - Summer 2019**

- Utilized machine learning to give the company a data-driven, non-subjective approach to assess 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 many more machine learning and statistical functions, narrowing data down to 6 significant features per loss type
- Presented my assessments as a proof of concept 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 for neural epigenomics data
- Use of Python, R, MySQL, as well as web application development

### **Church Web Application - Summer 2018**

- Internship at non-profit organization: Developed a web application for online, easy-access repository of devotional songs.
- Combined use of HTML, CSS, Bootstrap, JavaScript, JQuery, Java, JSON, MySQL, Eclipse, Tomcat, and Web Service
- Built analytics on data based on user interaction with the application.

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

- Volunteered in clinical research, testing patients' reflexes and taking blood and saliva samples
- Worked in excel 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

## Awards, Achievements, & Interests

**Music** - Trained in Carnatic music (South Indian Vocal) and Tabla (North Indian drums). 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, interests that carry over to my front-end coding skills and creativity. 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.