

Kavish Hukmani

(650) 683-5325 ♦ kshukmani@ucdavis.edu ♦ San Francisco, CA ♦ [LinkedIn](#) ♦ [GitHub](#) ♦ [Personal Website](#)

PROFILE

Master of Science in Business Analytics candidate at UC Davis with 1 year of experience as a Data Scientist in a SaaS startup using Python to solve Machine Learning and Optimization problems at scale.

Topics: Machine Learning, Data Analytics, Statistical Exploration, Optimization, Big Data, A/B Testing, Computer Vision

Programming Languages: Python, SQL dialects (MySQL, BigQuery, MS SQL), R, Java, HTML

Technologies: Linux, Tableau, Gurobi, AWS, GCP, Spark, MongoDB, Advanced Excel, Git

Certifications: AWS Cloud Practitioner, Tableau Desktop Specialist, DeepLearning.AI Deep Learning Specialization

HIGHLIGHTED EXPERIENCE

Student Practicum: Angel Flight West

San Francisco, CA

Graduate Student Data Analyst

Oct. 2021 – Expected Jun. 2022

As a part of the MSBA practicum, leveraged advanced analytics to help Angel Flight West, a non-profit organization that provides free non-emergency medical flights, double their reach.

- Increased the annual flight count by 4% by building and deploying a flight cancellation risk assessment model using boosted decision trees in Azure ML.
- Used Google Analytics to analyze user drop-off in the new patient intake forms and conducted A/B tests to increase form completions by 125%.
- Performed ETL jobs on 100M+ rows of flight data for ad-hoc analysis with MySQL and Python.

Impact Analytics

Bengaluru, India

Data Scientist

Aug. 2020 – Jun. 2021

Data Science Intern

Jan. 2020 – Mar. 2020

Worked in the AI/Optimization team at Impact Analytics, a fast-growing startup providing SaaS solutions to retailers in the fashion and CPG markets.

- Developed inventory allocation and promotions optimization MIP models in Gurobi for three market-leading fashion and athleticwear retailers. Received a spot award for reducing runtime by 10x.
- Trained a neural network in PyTorch for edge devices to identify image quality issues such as blur and tilt.
- Maintained client-facing Flask (Python) APIs with 1000+ users globally with 99.9% SLA.
- Developed a coupon booklet optimizer and recommender for a Fortune 500 warehouse club chain.

Mercedes-Benz Financial Services India

Pune, India

Summer Intern (Digital & Marketing - Passenger Cars)

May. 2018 – Jul. 2018

- Designed a chatbot using DialogFlow for the Mercedes-Benz Finance India social media pages.

College Fest Management Committee (Manipal Institute of Technology)

Manipal, India

Head of Outstation Management and Core Committee Member

Aug. 2017 – Mar. 2019

- Led a team of 30+ volunteers to publicize the college fests and gathering a combined 5000+ attendees.

PROJECTS

- **Solving Twisty Puzzles using Reinforcement Learning:** Published a [paper](#) and accompanying [open-source library](#)
- **Dota 2 Icon GAN:** Used PyTorch to generate new images for character skill icons for the video game DotA 2.
- **Analyzing Online Conversations of the Russian Ukraine Conflict:** Used RoBERTa models to analyze sentiment on various hashtags and topics and find their correlation with real-world events.
- Contributor to [D2ACQ\(open-source online quiz\)](#): Fixed issues in the web scraping code.

EDUCATION

University of California, Davis

San Francisco, CA

Master of Science, Business Analytics

Expected Jun. 2022

- **Highlighted Coursework:** Machine Learning, Advanced Statistics, Big Data Analytics, Cloud Computing
- Granted an MSBA Fellowship (\$6000 scholarship), Beta Gamma Sigma Member (Top 20% of the school)

Manipal Institute of Technology

Manipal, India

Bachelor of Technology, Major in Computer Engineering, Minor in Big Data

Aug. 2020