

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.

Specialties: Machine Learning, Data Analytics, Statistical Exploration, Optimization, Big Data, Computer Vision

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

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

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

EDUCATION

University of California, Davis

Master of Science, Business Analytics

Highlighted Coursework: Machine Learning, Advanced Statistics, Big Data Analytics, Cloud Computing

San Francisco, CA

Expected Jun. 2022

Manipal Institute of Technology

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

Manipal, India

Aug. 2020

HIGHLIGHTED EXPERIENCE

Student Practicum: Angel Flight West

Graduate Student Data Analyst

San Francisco, CA

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.

- Saved over 500 flights a year from being canceled last minute by improving the accuracy of the flight cancellation risk assessment models using **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.
- Performed ETL jobs on 5 years of flight data for ad-hoc analysis with **SQL** and **Python**.

Impact Analytics

Data Scientist

Data Science Intern

Bengaluru, India

Aug. 2020 – Jun. 2021

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.

- Reduced inventory allocation and promotions optimization runtime by 10x by reformulating linear programming models in **Gurobi (Python)** for 3 market leading fashion and athleticwear retailers.
- Trained a mobile vision **neural network** in **PyTorch** to identify image quality issues such as blur and tilt.
- Maintained client facing **Flask (Python)** APIs with 1000+ users globally.
- Developed a coupon booklet optimizer and recommender for a Fortune 500 warehouse club chain.

Mercedes-Benz Financial Services India

Summer Intern (Digital & Marketing - Passenger Cars)

Pune, India

May. 2018 – Jul. 2018

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

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

Contributor to [D2ACQ\(open-source online quiz\)](#): Fixed issues in the web scraping code

ADDITIONAL QUALIFICATIONS

Awards: MSBA Fellowship at UC Davis, Spot Award at Impact Analytics

Leadership: Core Committee Member and Head of Outstation Management for multiple college festivals