

# Kavish Hukmani

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## PROFILE

Master of Science in Business Analytics candidate at UC Davis with a strong background in Computer Engineering and a hands-on approach to problem solving.

**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 Academy Cloud Foundations, UCSD Big Data Specialization, DeepLearning.AI Deep Learning Specialization

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## EDUCATION

### University of California, Davis

San Francisco, CA

Master of Science, Business Analytics

Expected Jun. 2021

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

### Manipal Institute of Technology

Manipal, India

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

Aug. 2020

*Highlighted Coursework:* Data Mining and Predictive Analysis, Computer Vision, Pattern Recognition

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## PROFESSIONAL EXPERIENCE

### Student Practicum: Angel Flight West

San Francisco, CA

Graduate Student Data Analyst

Oct. 2021 – Jun. 2022

*As a part of the MSBA practicum, worked with Angel Flight West, a non-profit organization that provides free non-emergency medical flights to patients in need.*

- 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

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.*

- Enabled Tommy Hilfiger, Puma, and Calvin Klein to optimize their promotions and inventory allocation by building Linear Programming models in Gurobi. Received a Spot Award for improvements in runtime.
- Trained a mobile vision CNN to identify image quality issues such as blur, tilt, and irrelevance.
- Maintained several critical APIs and servers used by client facing software.
- Helped develop a coupon book creator for a Fortune 500 warehouse club chain.

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## PROJECTS

**Solving Twisty Puzzles using Reinforcement Learning:** Published a paper and accompanying open-source library

Contributor to **D2ACQ**: An open-source online video game audio quiz

**DotA 2 Icon GAN**: Trained a GAN to generate new character skill icons for the video game DotA 2

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## 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.