

KAREN A. LOSCOCO

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Industrial & Systems Engineering

Atlanta, GA

Aug 2016 – Dec 2020

- Concentration in Analytics and Data Science, Minor in Economics
- GPA: 3.42, Dean's List every semester

WORK EXPERIENCE

Rubicon

Data Science Intern

Atlanta, GA

Jan 2020 - May 2020

- Contributed to design of and implemented elements of a scalable AWS S3 image processing pipeline for reliable processing of training data for an ML object detection model.
- Designed database architecture for storing image metadata, developed PowerBI reports on training data metrics, and wrote Python scripts for pipeline, all currently being used in production.

Data Analyst Co-Op (3 15-week Rotations)

May 2017 - Dec 2018

- Created advanced Tableau dashboards with filters, parameters, calculated fields, and custom back end SQL stored procedures for customers and internal business users.
- Automated data pipeline using Python and SQL job tracking tables, streamlining interactions across teams.
- Implemented changes for ML vendor pricing model resulting in increased testing performance.
- Created SQL stored procedures to process and transform up-to-date data for vendor pricing ML model.
- Automated data retrieval processes using Python web scraping for up-to-date training data, eliminating manual task and reducing time spent on task by 98%.
- Increased automatic invoice and work order match rate to 90% by performing data cleanup with SQL cursor.

The Coca-Cola Company

Strategic Marketing Intern

Atlanta, GA

Jan 2019 - May 2019

- Developed Tableau dashboards with actionable insights for marketing assets and partnerships spending.
- Improved efficiency of monthly manual data cleanup task using Python scripts, reducing time spent by 50%.
- Presented Tableau dashboards and led training sessions across several departments.

LEADERSHIP EXPERIENCE

Alpha Gamma Delta (ΑΓΔ) Sorority

Vice President of Administration

Atlanta, GA

Jan 2019 - Dec 2019

- Directed all chapter operating procedures and managed all reporting processes.
- Managed the Administration Team and Bylaws Review Committee.
- Optimized chapter operational efficiency by moving all communication and event management to OmegaFi tools, eliminating manual event check-in and attendance tracking and streamlining communication.

INTERESTS & SKILLS

Technical Skills

Python (Sklearn, SciPy, Keras, OpenCV, Gurobi, Pandas, Boto3, Json, Sqlalchemy), SQL, Git, Excel, R, Tableau, PowerBI, AWS, CPLEX, OPL, ARENA

Relevant Coursework

Cisco Systems (Supply Chain Optimization) - Senior Design Project (Ongoing), ML Algorithms (Supervised, Unsupervised), Online Learning, Information Theory Mathematical Optimization (Linear, Mixed Integer, Constraint Programming), Data Analysis & Visualization, Data Mining, Decision Science, Database Design, Game Theory, Industrial Organization, Finance & Investments, Accounting

Orgs & Interests

IISE, SWE, ΑΓΔ, Georgia Tech Acappella Group, Piano, Rock Climbing, Yoga