

Connor Swanson

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Summary

- MS student in Data Scientist with 3 years of experience in data services
- Proven ability to use machine learning techniques to provide novel business insights
- Experience scaling data operations from local servers to Amazon Web Services
- Well-rounded skillset and a passion for finding data-driven solutions to challenging business problems

Education

University of San Francisco

Graduated: June 2019 (Expected)

M.S. Data Science

Relevant Courses: Machine Learning, Deep Learning, Computational Statistics, Distributed Computing

University of Colorado, Boulder

Graduated: May 2017

B.S. Mechanical Engineering

Professional Experience

Hohonu

October 2018-Present

Data Science Intern

- Expanded data products offered by environmentally focused startup to drive sensor sales
- Developed machine learning, time series models that outperform current industry standard by ~40%
- Created quality control system by implementing anomaly detection algorithms with > 95% accuracy, precision, and recall
- Successfully scaled existing data collection, processing, visualization capabilities from a single, local server to Amazon Web Services using EC2 and S3

Visa Inc.

June 2016-July 2018

Associate Project Analyst

- Consolidated deployment records using SQL to construct software footprint in Visa data centers
- Identified expense management improvements such as redundant software licenses and over-deployed products
- Created Tableau dashboards to support software vendor negotiations and overall technology strategy
- Promoted from intern to full time employee following completion of undergraduate degree

Relevant Projects

AI Yoga Instructor

- Currently developing web application that processes yoga videos and gives personalized feedback on poses using machine learning models
- Data collection, storage, and processing all performed on AWS cloud infrastructure

Skills

- Python
- R
- SQL
- AWS
- Spark
- Tableau
- Machine Learning / Deep Learning
- Anomaly Detection
- A/B Testing