

CAMERON BELDEN

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Education

Northeastern University

Degree: Master's of Science in Data Science

2021-Current

GPA: 3.8

University of California Irvine

Degree: Bachelor of Science in Mathematics-Concentration in Data Science. GPA: 3.5

2018-2021

Dean's Honor List- 4-time recipient of the Dean's Honor List.

Relevant Coursework: Linear Algebra, Programming for Numerical Analysis, Cryptology, Probability and Stochastic Processes, Statistics for Data Analysis, Programming for Data Analytics, Optimization, Supervised Machine Learning, Database Management and Processing, Algorithms

Skills

Python - 3 years of experience | NumPy, PySpark, Matplotlib for data visualization, Pandas, and TensorFlow

Databases - NoSQL | 1 year of experience with both MongoDB and Hadoop,
SQL | 1 year of experience with SQL using MySQL workbench.

MatLab - 2 years of experience

R - 1 year of experience

Academic Projects

Japanese Character Classification – Used Python to construct a neural network to identify Japanese characters to 94% accuracy.

SAT-6 Image Classification - Used computer vision machine learning models to identify satellite images of Earth's surface to 96% accuracy using training data of 10,000 images.

Vacation Planning Database - With MySQL Workbench created a working relational database with 9 total relations, 5 stored procedures, 5 views, and 2 triggers.

Experience

Private Tutor

June 2020 - Present

- Tutored 5 students simultaneously through attentive instructional coursework and live lectures
- Evaluated student progress through test scores and course completion, then implemented learning strategies for optimal student success

Leadership

Kappa Sigma Fraternity

Executive Fraternity Board, Director of Finance

January 2019 – December 2020

- Developed and managed a \$100,000 + budget as Director of Finance for a 125-person fraternity
- Implemented savings and collection policies that improved cost savings and reduced delinquency rates from historical averages
- Responsible for collecting membership dues and forecasting monthly revenue/expense reports
- Presented budget proposals for events, philanthropy, housing and community initiatives to Executive Fraternity Board; demonstrated strong communications skills through numerous presentations

Building New Hope

Co-Founder

2016 - 2018

- Co-founded a club of 25+ members dedicated to fostering educational development of children in Latin America (Nicaragua)
- Lead a community fundraising campaign; raised over \$5,000 in 3 months to support impoverished schools in Nicaragua

Interests

Video Games, Hiking/Camping, Water Polo/Swimming, Chess, and Film Photography