

Jack Galvin

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I am a data scientist and currently pursuing a Master's in Information and Data Science. I have completed coursework in hypothesis testing, experimental design, statistics, data engineering, machine learning, and natural language processing. I will complete additional coursework related to scaling and deploying machine learning models in the cloud and computer vision.

EXPERIENCE

Bowman and Brooke, Data Scientist, San Jose

May 2021 - Present

- Building a machine learning pipeline that applies state of the art natural language processing (NLP) techniques to summarize deposition transcripts, which is forecasted to save thousands of hours and dollars every month
- Analyze data from vehicles involved in catastrophic and fatal accidents and summarize findings for attorneys, which enables them to more effectively prepare for depositions, trials, and court hearings
- Use machine learning techniques (recurrent neural network and Prophet forecast) to predict fees for clients, which has saved the firm over \$1M
- Teach product management best practices and concepts that underlie computer vision models in autonomous vehicles to attorneys

Sisense, Account Executive, New York

March 2020 - April 2021

- Identified how hundreds of prospective Sisense customers could monetize analytics product offerings among their own customers, driving an additional 15-20% in revenue for each on average
- Built machine learning models (support vector machine and random forest) that used features about open sales opportunities to predict if each would close, which informed how time was allocated to working on the pipeline
- Created an account scoring tool using Python that identified thousands of potential customers from LinkedIn and prioritized each based on several factors, which saved 2+ months of manual work for the team

Realeyes, Director of Customer Success, New York

March 2019 - March 2020

- Analyzed human attention and emotion data to deliver data-driven and actionable insights aligned to clients' business goals
- Managed relationships with strategic clients by identifying and implementing ways to embed Realeyes data into client workflows and secured renewal business (amidst competitor) of Realeyes' largest client with 40% increase in revenue
- Led virtual and on-site product demonstrations, which included sharing insights about technical aspects of the product and how to interpret and use Realeyes data to positively impact marketing ROI to non-technical audiences

PricewaterhouseCoopers Financial Advisory Services, Senior Associate, Chicago

August 2015 - March 2019

- Distilled the business implications of data and software solution architecture design into language comprehensible to executive and VP-level clients of various (non)technical backgrounds to inform strategic decisions
- Presented data-driven recommendations about process redesign and system modernization to Fortune 500 executives, as well as the methodology by which each recommendation was formed, to impact \$5M+ organizational decisions
- Analyzed project finances, forecasted budget overrun, and implemented measures to maximize profit margin, which saved our team \$200,000+ in time and expense fees

EDUCATION AND CERTIFICATIONS

UC Berkeley, Berkeley, CA

- Master of Information and Data Science (4.00/4.00)

Anticipated December 2023

Colgate University, Hamilton, NY

- B.A., Neuroscience, *Magna Cum Laude* (3.73/4.00)

May 2015

TECHNOLOGY AND LANGUAGES

- Technology: SQL, Python (Pandas, Numpy, Scikit-learn, Tensorflow, Keras, NLTK, Transformers, Flask, Darts, Prophet), R (dplyr, ggplot), Git, Docker, Amazon Web Services (AWS), GCP (Google Cloud Platform)
- Business Intelligence and Visualization: Sisense, Matplotlib, Seaborn, Plotly
- Databases: PostgreSQL, Neo4j, MongoDB, Redis
- Language: Spanish, intermediate in Italian

LEADERSHIP AND HONORS

PwC, Financial Services Advisory

- *Spring 2016 Financial Services MVP, Rookie of the Year*: Selected as 1 of roughly 300 people in recognition for outstanding client impact, flexibility, willingness to learn, and desire for actionable feedback
- *Financial Services Advisory Staff Council Co-Lead*: Elected to serve as a leader on a firmwide team committed to enacting positive change within PwC

Colgate University

- Dean's Award for Academic Excellence, Phi Eta Sigma First-Year Honor Society, Psi Chi Neuroscience Honor Society
- Center for Creative Leadership**
- Selected as a campus leader to participate in a two day leadership workshop