

Daniel Xu

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DATA ANALYTICS/DATA SCIENCE EXPERIENCE

Cisco Meraki – San Francisco, CA

06/2022 - Present

Senior Data Analyst, 10/2024 - Present

- AI Assistant
 - AI Assistant Evaluation - Intent/Doc Search (RAG), RAGAS
 - Wrote evaluation framework, research/test evaluation techniques
 - Worked w/ PM/TME/SME on QA pair curation, development of intent/doc search
 - Reporting for AI Assistant
- CAVBU - Helping Meraki centralize financial/product reporting
- ARR reporting
- Pre-prod perf testing

Data Analyst, 06/2022 - 10/2024

- Setup GA governance/cleaned up tagging, magnetic tagging system to reduce implementation time/data cleanliness, led transition from GA3 > GA4, built self serve reporting, mastered the data, build out automation (URL cleaning)
- Page maturity model - Gathering data together, helped engineering drive improvements to Meraki Dashboard through data driven methods
- Page performance
 - Collab w/ Eng to identify perf bottlenecks, measure performance before/after fix
 - Regression detection to catch performance issues
- Frequent workshops/tutorial sessions to train Eng/PMs on data/dashboards, self serve

Allied Universal – Santa Ana, CA

01/2021 - 06/2022

Senior Strategy & Operations Analyst

- Implemented data collection tool using Python and Caspio that increased account mapping data accuracy up to 60%.
- Developed KPIs and Domo dashboards that enabled real-time tracking of scheduling progress and targeted, data-driven insights to field teams to ensure scheduling compliance and client satisfaction.
- Built out scalable and automated data processes using Python to facilitate reporting for operations team, reduced time to generate reports by 95%.
- Collaborated with cross-functional teams to redesign existing Domo dashboards, increased user satisfaction score by 35% decreased page load times by 70%.

Tee Investment Services – Irvine, CA

10/2016 - 08/2020

Data Analyst

- Automated dashboards using Tableau to allow real-time risk management of investment strategy.
- Designed and implemented a cloud-based SQL database that decreased the time spent on daily report generation by 80%.
- Provided investment recommendations to fund manager by analyzing historical and real time market data using Python.
- Automated recurring operational tasks using Python, SQL and Excel, reducing human error by 95%.
- Researched and deployed cloud-based PostgreSQL solution on AWS for strategy back-testing purposes.
- Interviewed relevant stakeholders to draft accurate documentation that details the internal option trading processes.
- Performed ad-hoc data analysis mini-projects using Python, SQL and Excel.
- Cleaned and transformed market data using Python and SQL to support portfolio tracking and reporting.

SKILLS & INTERESTS

Programming:	Data cleaning (Python: pandas, Excel, VBA), web scraping (Python: beautifulsoup), Jupyter, VS Code, VIM
Visualization:	Capture trends and unusual behavior (Python: matplotlib, Tableau, Excel, PowerBI)
AI/ML:	LLMs/agents, LLM evaluation, RAG, RAGAS, modeling, supervised & unsupervised learning, deep learning
Dashboard/Analytics:	Tableau, Excel, Domo, Smartsheet, Caspio, Google Analytics, Looker Studio, A/B Testing
Languages:	Python, R, Java, SQL (Snowflake, Microsoft SQL Server, MySQL, PostgreSQL, Big Query), Excel VBA
Specializations:	Operations analytics, time-series analysis, investment management, system automation
Soft Skills:	Stakeholder communication, project/contractor management, presentation, problem framing, product design/experimentation
Interests	Reading, domestic & global economic trends and markets, consumer behavior, sports, graphic design, music

EDUCATION

University of Southern California, Marshall School of Business – Los Angeles, CA
Master of Science, Business Analytics (STEM), Dept. of Data Sciences and Operations

December 2020

University of California - Irvine, Donald Bren School of Information and Computer Sciences – Irvine, CA
Bachelor of Science, Business Information Management

June 2018

- *Honors:* Dean's List, Campus-wide Honors Program
- *Memberships:* Phi Gamma Delta Fraternity, UCI AppDev, UCI Entrepreneur Club