
WORK EXPERIENCE

MIT xPRO – APPLIED DS & ANALYSIS BOOTCAMP

Jun– Oct 2025

Deep Learning Malaria Detection, SVHN Digit Recognition, Foodhub Data Analysis

- Built end-to-end Python-based ML pipelines covering data ingestion, EDA, preprocessing, feature engineering, model training, evaluation, iteration; emphasized reproducibility, validation discipline, and deployment-oriented design
- Built and evaluated classification models (logistic regression, CNNs) for real-world use cases including healthcare diagnostics and image recognition; performed model tuning and refinement through feature engineering, hyperparameter optimization, and iterative validation to balance accuracy, generalization, and practical deployment constraints
- Translated model outputs and performance tradeoffs into business & operational implications; structured and delivered capstone ML solution aligned to stakeholder requirements, decision-making needs, and real-world constraints

PRICEWATERHOUSECOOPERS, NEW YORK, NY

Sep 2022 - Present

Senior Associate, M&A Deals

Nov 2023 – Present

- Partnered directly with C-suite and functional leaders across 20+ enterprise clients to translate business objectives into data-driven operating models, analytics tools, and KPI frameworks supporting strategic decisions
- Designed, pitched, and delivered a customer-facing divestiture simulation platform integrating 5 enterprise systems; secured an \$800K initial engagement with a \$250K annual renewal to support ongoing feature expansion and analytics enhancements; established internal playbook to productize output & sell to other clients
- Acted as technical translator between finance, operations, and IT teams—structuring data models, defining metrics, and clearly explaining technical tradeoffs and architectural decisions to non-technical executives & client staff
- Led multi-month post-deployment engagement with client teams to expand platform usage, refine use cases, and operationalize outputs; solution supported \$15B+ carve-out planning with high executive adoption
- Architected and deployed post-close performance tracking tools tied to \$100M+ synergy targets; partnered with client operators monthly to review metrics, diagnose gaps, and drive measurable adoption, achieving \$70M realized synergies in Y1
- Built repeatable data ingestion, transformation, and validation workflows (Python, SQL, Alteryx) consolidating disparate enterprise systems; reduced data latency, improved reliability, and saved ~15 hours/week per engagement
- Owned lifecycle of internal analytics products (MVP → v3) used by 300+ users, incorporating stakeholder discovery, user feedback, roadmap prioritization, and rollout; tools enabled revenue attribution and supported sector / team GTM planning

ALVAREZ & MARSAL, SAN FRANCISCO, CA

Jan - Jul 2020

Financial & Litigation Co-op, Disputes & Investigations

- Engineered SQL data model unifying 5M+ records from five sources for a national logistics client; built Tableau analyses of driver utilization (10k+ drivers), uncovering 2% discrepancy that informed settlement negotiations

GOLDMAN SACHS, NEW YORK, NY

Jan - Jul 2019

Analyst Co-op, Private Wealth Management

- Automated weekly business metrics using VBA; built custom Salesforce reports to analyze financial incentive impacts on new client growth; reduced reporting cycle time & created a reusable metrics framework

RELATED EXPERIENCE & OTHER ACTIVITIES

MANHATTAN ORATORS, NEW YORK, NY

Oct 2023 - Present

Co-Founder, VP of Finance, Speaker

- Established monthly membership based public speaking club catering to working professionals for networking & education

ENGINEERING CAPSTONE, BOSTON, MA

Jul 2020 - May 2021

Facial Expression Based Pain Assessment, Team Member

- Created dynamic ML support vector machine to estimate patient pain levels from appointment recordings
- Established data collection process via Zoom; analyzed facial action units with OpenFace 2.0 & calibrated model precision through refinement of parameters identified via observation of outputs, additional research & expert discussions with experts

EDUCATION

NORTHEASTERN UNIVERSITY, BOSTON, MA

Apr 2022

Bachelor of Science with Honors in Industrial Engineering
Minors in Mathematics & Economics

Magna Cum Laude, Dean's List, **GPA: 3.9**

SKILLS & INTERESTS

Technical: Python, SQL, ETL pipelines, Model tuning, Spark (conceptual), Distributed computing fundamentals

Analytics & GTM: Tableau, Alteryx, KPI design, APIs & system integration, presales support, customer discovery