Andrew Wu

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EDUCATION

Cornell University   Ithaca, NY
Bachelor of Science in Information Science, Minor in Business   *Aug. 2022 – May 2025*
Relevant Coursework: Object-Oriented Programming, Algorithms and Data Structures, Data Science, Statistics, Business Intelligence Systems, Finance, Financial Statement Analysis, Financial Accounting, Financial Modeling, Learning Analytics

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, Material-UI, TailWindCSS, FastAPI
Developer Tools: Git, Docker, Google Cloud Platform, AWS, VS Code, Visual Studio, IntelliJ, Jira
Libraries: pandas, NumPy, Matplotlib, Tensorflow, PyTorch

EXPERIENCE

Head of Operations   February 2025 – Present
Tri-Snap   *New York, NY*
- Owned customer-visible data pipeline for a HIPAA triage LLM: set data taxonomy, built Python/AWS ETL and QA dashboards; boosted F1 +12 pts, held 98% precision, and met aggressive 48 hr defect SLA.
- Created Looker + SQL margin/quality analytics and anomaly alerts; cut defect SLA 5→2 days, doubled runway 9→18 mo, and delivered weekly data-driven updates adopted by the exec team and board.
- Led a 10-person ML/Ops team; used Apollo.io sequences and HubSpot scoring to build a 250+ SMB clinic waitlist, securing LOIs from 3 pilot sites and presenting status in weekly exec reviews.

Data Engineer Intern   May 2024 – August 2024
TE Connectivity   *Berywn, PA*
- Built a multi-tenant "Customer 360" dashboard MVP (Tableau) for 10+ clients; defined a cross-client data taxonomy that sped cloud migrations and fed high-volume model-training pipelines.
- Scripted governance and ingestion rule-sets that automated data labeling/QC, saving 20+ hrs per week and lifting source accuracy 15%—a springboard for higher-quality LLM fine-tuning.
- Resized and autoscaled AWS + Azure infrastructure to cut compute spend 15%; redirected savings into high-throughput annotation queues, boosting margin and accelerating model A/B tests.
- Wrote SAP HANA SQL analytics to surface customer-behavior signals that informed prompt engineering and taxonomy tweaks, improving downstream model performance and ops decisions.

Software Engineer Intern   May 2023 – August 2023
Entertainment Oxygen   *Los Angeles, CA*
- Designed efficient algorithm and iOS components for a content recommendation feature system in an Agile team.
- Conducted iOS mobile app testing, increasing user engagement by 20%.
- Built an internal webapp for filtering and sorting potential leads for further sales development, saving SDRs 10 hrs/week. Presented data views cross-functionally and to senior leadership.

Artificial Intelligence Research Assistant   July 2021 – May 2022
Cal State Fullerton   *Fullerton, CA*
- Trained autonomous wagon using YOLOv5 and Tensorflow/PyTorch, integrating real-time data visualization and dynamic route mapping capabilities, improving navigation accuracy and reducing manual intervention by 20%
- Rebuilt internal Python package and GUI app to interact with a bespoke database, reducing query response times by 50% and achieving a 90ms query latency, significantly improving system performance and user productivity.

PROJECTS

Cornell ADHC Financial Dashboard | *Tableau, SQL, Boomi, PowerBI*   August 2024 – December 2024
- Cleaned, structured, and analyzed data using SQL, collaborating with stakeholders to improve business processes.
- Collaborated with business stakeholders to analyze and validate requirements for information system changes.
- Enhanced existing RDBMS models and code to optimize business processes and deliver actionable insights.