Andrew Ting

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EDUCATION

Boston University   Boston, MA
Bachelor of Arts in Computer Science, Minor in Data Science, GPA: 3.5   *Sep. 2022 – May 2026*

EXPERIENCE

Investment Management Technology Intern   June 2025 – August 2025
Voya Investment Management   *New York City, NY*
- Built an end-to-end data pipeline using Snowflake and dbt to integrate external shared tables into internal Snowflake databases, applying medallion architecture (bronze, silver, gold layers) to incrementally cleanse, transform, and aggregate data for downstream analytics and reporting.
- Designed and implemented a JSON-based staging layer to decouple raw data ingestion from transformation logic, enabling seamless handling of upstream schema changes and reducing maintenance overhead.
- Reduced dataset onboarding time and compute usage in Snowflake by automating single-pass inserts and efficient versioned snapshots, significantly improving scalability and developer productivity.
- Built a dbt materialization that shortened dataset onboarding from hours to minutes and reduced Snowflake compute usage by 60–70%, projecting annual savings of $50K–$100K in warehouse credits.
- Collaborated with data engineering and business intelligence teams to define data quality checks and ensure reliable, production-grade data delivery.

Course Assistant – Foundations of Data Science III   January 2025 – May 2025
Boston University   *Boston, MA*
- Facilitated student learning in advanced topics of probability, statistics, and data science, including Bayesian statistics, Markov models, and optimization techniques.
- Collaborated with the teaching team to maintain an inclusive and engaging learning environment.
- Conducted office hours to assist students with homework and clarify theoretical concepts such as the Central Limit Theorem, Maximum Likelihood Estimation, and Markov Chain Monte Carlo methods.

Data Visualization Consultant   September 2025 – Present
Transparency Hub (Applied Social Media Lab, Harvard Berkman Klein Center)   *Boston, MA*
- Partnered with researchers at Harvard's Applied Social Media Lab to design an interactive Transparency Hub dashboard enabling comparison of 300+ social media companies' privacy policies, terms of service, and transparency reports.
- Delivered a statistical report and embeddable dashboard summarizing key findings for target audiences including researchers, advocacy groups, and the general public.
- Collaborated in a client-facing, agile environment, gathering requirements, iterating on prototypes, and presenting findings to Harvard faculty and stakeholders.

PROJECTS

Spark!Bytes – BU Food Finder App | *Next.js, TypeScript, Supabase, PostgreSQL, Mapbox GL, Tailwind CSS*
- Built a full-stack web application enabling Boston University students to discover and reserve leftover food from campus events, supporting role-based flows for organizers and students
- Designed and implemented a scalable architecture using Next.js App Router with Supabase authentication, PostgreSQL row-level security, and RESTful data access patterns
- Developed an interactive map-based UI with Mapbox GL for real-time event discovery, optimizing client-side rendering and state updates to reduce unnecessary re-renders

TECHNICAL SKILLS

Languages: Java, Python, SQL, Assembly, C, JavaScript, HTML, CSS, C#
Frameworks: React, Node.js, Flask
Developer Tools: Git, VS Code, Visual Studio, PyCharm, DBT-Core, Snowflake
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Sci-Kit Learn, NLTK