

Xander Coles

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, Georgia

Master of Science in Analytics (Business Analytics Track, Computational Data Analytics Track) – GPA: 4.00 Expected May 2026

Bachelor of Science in Industrial Engineering (Analytics & Data Science Concentration) – GPA: 3.85 (overall) May 2025

- Honors: Graduated with Highest Honors (*summa cum laude*); Zell Miller Scholarship (full tuition – all four years)
- Minor: Engineering & Business (Denning Technology & Management Program)
- Study Abroad: Industrial and Systems Engineering Asia Program May 2024 – August 2024

EXPERIENCE

APRIO ADVISORY GROUP, LLC, Atlanta, Georgia

Product Management Intern

June 2025 – August 2025

Business advisory and accounting firm backed by Charlesbank Capital Partners

- Developed business plan for new external data analytics app, including competitor analysis, feature definition, go-to-market strategy, and technology infrastructure recommendation, generating ~\$300K+ in projected annual revenue
- Built strategic partnership plan with data intelligence software vendors: mapped requirements and roadmap for partnership growth

GEORGIA-PACIFIC LLC, Atlanta, Georgia

Strategy & Business Development Intern – Senior Associate

May 2023 – August 2023

Venture-stage research and analysis subsidiary of Georgia-Pacific evaluating opportunities of early-stage technology ecosystems

- Prepared recommendation to senior management regarding a \$500M carbon capture, utilization, and storage project using patent analysis, sensitivity modeling, and scenario planning
- Developed internal report regarding investment potential, sector landscaping, and addressable market for emerging technologies to accelerate review for potential investment by projected ~20%

ENGAGE VENTURES LLC, Atlanta, Georgia

Insights Analyst Intern

August 2022 – May 2023

First-of-its-kind collaborative innovation and corporate venture platform for 14 Fortune 500 companies based in the southeastern U.S.

- Screened 50+ start-ups within supply chain and logistics sector for investment evaluation by Engage's corporate partners
- Evaluated 20+ start-up business plans to determine viability for potential investment

KMS LIGHTHOUSE, Tel Aviv, Israel

Business Systems Administrator / Sales Operations Intern

May 2022 – August 2022

Enterprise SaaS company offering real-time data-driven knowledge management solutions for increased productivity and efficiency

- Generated competitive analysis report of knowledge management space and presented to company CEO
- Created reusable customer data analysis framework using multiple Python libraries for 100+ customers

PROJECTS & ADDITIONAL ACTIVITIES

SELECT ACADEMIC PROJECT WORK

2024 – 2025

Retail Sales Forecasting (XGBoost, Random Forest, LSTM, Prophet)

- Built weekly sales forecasting pipelines using time-series and deep learning models, delivering a 10× inventory error reduction

Tail-Risk Stock Portfolio Optimization Model (PyTorch, Normalizing Flows)

- Built PyTorch flow for 30-stock Mean-CVaR portfolio, boosting crisis coverage 20% to 80%, reducing volatility error 5.3× to 1.3×

Emory University Hospital Midtown

- Designed a real-time inventory system to optimize patient room utilization and generate potential savings of \$2M+ annually

Steelcase / AMQ

- Developed automated support claims system, reducing processing time by +60% and enabling ~\$1.5M in potential annual savings

GEORGIA TECH VENTURE CAPITAL CLUB, Atlanta, Georgia

President

January 2022 – May 2025

Organization to support the venture capital community and employment opportunities within the Georgia Tech network

- Transformed organization to a 501(c)(3), enhanced curriculum and research initiatives through targeted stakeholder interviews, resulting in a CREATE-X partnership leading to a 30% increase in member engagement
- Initiated a startup internship program, successfully placing 12 students within 6 Atlanta-based startups

SKILLS

- **Software:** Tableau, Microsoft Office (Excel, Power BI, PowerPoint), Bostr, Salesforce, Comscore, Minitab, AWS
- **Programming:** Python, SQL, R, JavaScript
- **Data Science and Machine Learning:** XGBoost, LSTM, random forest, prophet, hyperparameter tuning, time-series
- **Concepts:** Data analysis, financial modeling, Object Oriented Programming, market landscaping, machine learning
- **Interests:** Travel (20 countries, 38 states), tuba (Georgia Tech Orchestra), charcuterie boards, novice golfer, Atlanta Falcons