AIDEN MORI-LAIR

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EDUCATION

The University of Georgia, Franklin College of Arts & Sciences Expected May 2027 *Athens, GA*
Bachelor of Science in Financial Mathematics and Computer Science

- **GPA**: 3.81/4.00 (Overall: 3.83)
- **Study Abroad:** John Cabot University May 2025 - July 2025 *Rome, Italy*
- **Campus Involvement:** DevDogs, Devs on Wall Street, ACM at UGA, SolveUGA
- **Honors & Awards:** Dean's List, Zell Miller Scholar, Eagle Scout
- **Certificates:** FinTech Certificate Program (In Progress), Google Data Analytics Professional Certificate (In Progress)

SKILLS

- **Programming:** Java, Python (Pandas, NumPy, PyTorch), C (threading, multithreading, fork usage), React, HTML
- **Databases:** MySQL, SQL Server
- **Software / Tools:** JCL, MS Teams, Excel (Advanced), Word, Zoom, OS(Linux and Unix)
- **Technical:** Algorithm Design, Data Structures, Git, Spring Boot, Spring JPA

PROJECT EXPERIENCE

UGAHacks App Developer Oct 2023 - Oct 2023 *Athens, GA*

- Developed a TikTok-style video feed web app enabling communication between creators and fans.
- Implemented frontend using React and backend using Django, connecting to a relational database for efficient data storage.

DevDogs Database Developer Jan 2024 – Dec 2024 *Athens, GA*

- Designed backend database logic for a UGA schedule-building application.
- Integrated Java backend models with Spring Boot & Spring JPA.

Churn Analysis Project Aug 2025 - Sep 2025 *Marietta, GA*

- Built a customer churn dashboard using MySQL, Python (Pandas), and Tableau.
- Identified key churn drivers: month-to-month contracts (42.7% churn), first 1-2 months of tenure (45.6%), and Fiber optic internet (41.9% churn).
- Designed relational database schema, performed data cleaning, and created visualizations highlighting churn patterns.

Financial KPI & Forecasting Dashboard Sep 2025 – Present *Athens, GA*

- Designed and implemented a financial KPI dashboard using Python (Pandas), MySQL, and Power BI, tracking revenue growth, profit margins, and cash flow.
- Built a relational database from raw financial statement CSVs to perform advanced queries and calculate profitability and liquidity ratios, supporting interactive drill-down analysis.
- Applied machine learning with PyTorch to forecast revenue trends and identify potential financial risks, enhancing KPI reporting accuracy.

Weather App Nov 2024 - Dec 2024 *Athens, GA*

- Built a nested API application: one API fetched coordinates for a city/country input, another returned weather data including humidity, temperature, and "feels like" metrics.
- Created UI in JavaFX for interactive weather monitoring.

WORK EXPERIENCE

FinTech Student Consultant – AI-Driven Payments Project Fall 2025 – Present *Athens, GA*
Synovus Bank \ University Of Georgia

- Reviewing current challenges in fraud detection, transaction security, payment reliability, and system latency to identify gaps and opportunities for innovation.
- Investigating emerging AI applications and best practices in real-time financial systems, incorporating input from technical experts and key stakeholders.
- Developing a project charter, research summary, and strategic recommendations to guide future design and implementation of AI-driven payment solutions.

IT Support Intern
College of Agricultural & Environmental Sciences (CAES) Aug 2024 – Present *Athens, GA*

- Resolved 30 technical support tickets per week, reducing downtime and escalating complex issues via Teams when needed.
- Installed, configured, and troubleshot IT systems for faculty and staff, managing tickets through TeamDynamix and Bomgar.
- Automated routine processes with scripts to reset and image computers, improving resolution speed and consistency.

Meat Department Associate
Costco Wholesale Jul 2023 – Jul 2025 *Kennesaw, GA*

- Assisted customers with inquiries, maintaining high service standards and compliance with sanitation protocols.
- Trained new employees on safety procedures and equipment usage, improving team efficiency.
- Reduced product waste by proactively requesting markdowns and monitoring expiration dates, introducing a process not previously implemented by the team.

LEADERSHIP EXPERIENCE

Shift Lead – Twisted Taco & Mod Pizza May 2022 – Jul 2023 / Sep 2021 – May 2022 *Marietta, GA*

- Managed teams of 5–10 employees per shift, ensuring high-quality service, safety compliance, and operational efficiency.
- Implemented process improvements, reducing prep time by 15% and improving workflow across multiple locations.

INTERESTS: *Skateboarding, Snowboarding, Pickleball, Gaming, Soccer, Basketball, Fitness*