

Andrew Lee

[Portfolio](#) | [Email](#) | [LinkedIn](#) | [GitHub](#) | (865) 368 8397

EDUCATION

Emory University

Bachelor of Science in Computer Science — Concentration in AI

Atlanta, GA, USA

August 2022 - May 2026

- Emory Hacks Representative
- Top rated research paper on Music Data Poisoning Against Generative AI
- Nominated for Residence Life Sophomore Advisor of the Year
- Four time athlete with national level club tennis team

EXPERIENCE

Frontend AI Software Developer Intern

Customboxes.io with Subscription Intern

June 2025 – December 2025

Remote (Sarasota, FL, USA)

- Built a Shopify approved AI app to improve custom packaging design process
- Developed the UI and UX frontend with a brochure website in JSX
- Trained the base NLP AI assistant implemented in the app

STM Data Research Intern

University of Tennessee Knoxville Center for Advanced Materials and Manufacturing (CAMM)

June 2024 – August 2024

Knoxville, TN, USA

- Developed research proving the superconductivity of Iron Selenide (FeSe)
- Utilized matplotlib, nanonisload, and numpy to identify quasiparticle interference
- Incorporated data analysis, data visualization, and AI to refactor the STM images
- Provided baseline for AI model to repeat process of refactoring images

COMMUNITY & LEADERSHIP

Board Member | Emory Hacks: Hosted, prepared, and recruited for official MLH hackathon

Treasurer, Director of Practice | Club Pickleball: Managed finances and equipment, led practices, coordinated tournaments

Board General Member | Computer Science Club: Coordinated outreach and contributed to workshops

Internal Chair | Emory Esports: Coordinated events, casted live on stream, and managed executive board

PROJECTS

Applications

- **Classify:** Co-created NLP analysis of Emory University courses to train AI assistant on providing recommendations on courses, professors, and majors
- **Binding:** Led full stack development of ML trained book library recommendation system
- **Daily Murder Board:** Implemented a full stack daily NYT style web-game

Research

- **Music Data Poisoning on Gen AI:** Paper on protecting music against generative AI (MusicGen)
- **Bias of AI Detection Systems:** Paper on performance of AI detection systems on short fiction
- **Sentiment Analysis Stock Prediction:** Paper on Naive-Bayes classifier to predict whether to buy or sell stock
- **Performance of Live Recognition of Handwritten Numbers:** Paper on CNN models detection of digits using MNIST
- **Impact of Natural Disasters on Flights:** Data analysis of natural disasters exacerbating flight delays and cost
- **Life Span Patterns from Country Income:** Analysis of HRMI dataset on worse conditions from lower income

TECHNICAL SKILLS

Languages: Python, C, Java, HTML, R, Assembly, MATLAB, Lua, SQL, Javascript, Typescript

Frameworks: Node, React, PyTorch, TensorFlow, Scikit-learn, Polaris

Developer Tools: Git, GitHub, SQL Management, Visual Studio Code, JetBrains, Google Colab

Libraries: Word2vec, OpenCV,

Applications: Google Studio, Microsoft Office, MongoDB, Supabase, Shopify