Andrew Lee

[Portfolio](#) | [Email](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Emory University   Atlanta, GA, USA
Bachelor of Science in Computer Science — Concentration in AI   *Expected May 2026*
- Nominated for Residence Life Sophomore Advisor of the Year

EXPERIENCE

Frontend AI Software Developer Intern   June 2025 – December 2025
Customboxes.io   *Remote (Sarasota, FL)*
- Built a Shopify embedded AI app designed to improve custom packaging design process
- Developed and improved the UI and UX frontend
- Designed a extensive brochure website to present the app
- Trained the base NLP LLM shown in the AI assistant
- Integrated the full stack app with Shopify development and Supabase data services

CAMM Research Intern   June 2024 – August 2024
University of Tennessee Knoxville Center for Advanced Materials and Manufacturing (CAMM)   *Knoxville, TN, USA*
- Presented at Summer Research Scholars Poster Symposium
- Worked with physics department at CAMM research laboratory to reformat scanning tunneling microscope images
- Utilized matplotlib, nanonisload, and numpy to correctly identify quasiparticle interference to prove the superconductivity of Iron Selenide (FeSe)
- Data analysis and AI to refactor the image to present accurate crystal structure

COMMUNITY & LEADERSHIP

Board Member   April 2025 – Present
Emory Hacks   *Atlanta, GA, USA*
- Successful hosting, preparing, and recruiting of hackathons

PROJECTS

Robustness Evaluation of Adversarial Music Poisoning | *HarmonyDagger* September 2025 – December 2025
- Research on music poisoning systems (HarmonyDagger) against generative models (MusicGen)

AI Detection Biases with the Rise of LLMs | *PushPull, GPT, GPTZero*   September 2025 – December 2025
- Paper on short form writing (TwoSentenceHorror) in AI detection systems

Real-Time Handwritten Digit Recognition Using CNNs | *OpenCV*   September 2025 – December 2025
- Research paper on how OpenCV uses live detection of digits using MNIST to solve Zetamac arithmetic

Binding | *Figma, Reactjs, Uvicorn, GitHub, MongoDB, Node*   January 2025 – May 2025
- Originally designed in Figma
- Full stack group project for a website recommending books based on personality based tagging

Classify | *GPT, Flask Python, GitHub*   January 2024 – May 2024
- Chatbot group project improving upon class selection processes at Emory
- Provides advice based on professors, major requirements, etc using data scrapping, NLP, and AI manipulation

Sentiment Analysis Stock Prediction | *Kaggle, Naive-Bayes Classifier* January 2024 – May 2024
Life Span Patterns from Country Income | *HRMI Data, PostgreSQL, Matplotlib* January 2025 – May 2025
Impact of Natural Disasters on Flights | *Fly Data, R Studio*   August 2024 – December 2024

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 Sutdio Code, JetBrains, Google Colab
Libraries: Word2vec, OpenCV,
Applications: Google Studio, Microsoft Office, MongoDB, Supabase, Shopify