Andrew Lee

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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 – August 2025
Customboxes.io — *Remote (Sarasota, FL)*
- Built a Shopify embedded app designed to improve the custom packaging design process
- Worked on the frontend user experience and user interface for the app
- Designed and pushed a extensive brochure website to present the app
- Trained the base LLM shown in the AI assistant for the app

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 the 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)
- Used multiple python IDEs (Jupyter, Pycharm, Spyder) to program 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

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
- Kaggle data trained sentiment analysis classifier based on stock performance

Life Span Patterns from Country Income | *HRMI Data, PostgreSQL, Matplotlib* — January 2025 – May 2025
- Data project showing the increased life span from countries with higher income

Impact of Natural Disasters on Flights | *Fly Data, R Studio* — August 2024 – December 2024
- Presentation showing decreased levels of flights and increased delays caused by hurricanes, wildfires, and pandemics

TECHNICAL SKILLS

Languages: Python, C, Java, HTML, R, Assembly, MATLAB, Lua, SQL
Frameworks: Node, React, PyTorch
Developer Tools: Git, GitHub, SQL Management, Visual Sutdio Code, JetBrains
Libraries: Word2vec
Applications: Google Studio, Microsoft Office, MongoDB