

Caleb Jennings

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EDUCATION

Emory University, College of Arts & Sciences

Atlanta, GA

Bachelor of Science, Mathematics/Computer Science, Minor: Music

May 2026

Cumulative GPA: 3.6/4.0

Relevant Courses: Data Structs. and Alg., Comp. Arch., Algorithms, Lin. Alg., ML, Comp. Ling., Data Mining, Practicum, Numerical Analysis, Linear optimization, Math Stats I

PROJECTS

Odyssey • [github/Emory-Hack4Impact/Odyssey](#)

- Developed full-stack features for Odyssey Family Counseling Center's internal HR employee management platform
- Collaborated in biweekly agile meetings to review product backlog, design decisions, and development progress
- **Technologies:** React, Next.js, TypeScript, HTML, Tailwind CSS, Prisma, Supabase, Chrome Developer Tools

Personal Website • [calebj04.github.io](#)

- Self-taught React, TypeScript, and Vite to build a personal website for showcasing projects to employers
- Built a responsive card layout with React, HTML5, and CSS3, featuring glassmorphism and custom animations
- Designed modular, reusable React components to dynamically render projects and skills, improving maintainability.
- **Technologies:** React, TypeScript, Vite, HTML, TailwindCSS, Chrome Developer Tools

Braincheck • [github.com/Tofudog/Brain-Check](#)

- Built a minimalist mobile data-tracking app, designed UI/UX in Figma and implemented the full stack in React Native
- Integrated Python and Matplotlib pipelines for data processing and visualization during development
- **Technologies:** Figma, React Native, XCode, Python, Matplotlib

Decision • [github.com/calebj04/Decision](#)

- Built a custom decision tree model from first principles using machine learning and data mining techniques.
- Leveraged 12 clinical features to classify heart disease, achieving 96.67% accuracy on a dataset of 300+ patients.
- **Technologies:** Python, PyCharm, Google Colab

LEADERSHIP & COMMUNITY INVOLVEMENT

Hack4Impact Project Engineer

Oct. 2025 – Present

- Developed software for mission-driven nonprofit, working with Odyssey to implement dashboard requirements
- Worked with an 8-person engineering team on system design and user-driven iteration across 12 sprints

AI Data Lab, Team Member

Sep. 2025 – Present

- Collaborated with a 3-person team to analyze an NFL kicker dataset of over 12,000 instances and 20 features
- Built ML models including Neural Networks, Logistic Regression, XGBoost, to predict long-term career success
- Mentored junior members in Python, covering data processing with Pandas and model development in PyTorch

EXPERIENCE

Emory University

Atlanta, GA

Technology Consultant (Cox Computing Center)

Aug. 2024 – Present

- Assisted an average 10+ clients in hardware tech support, facilitating poster printing, configuring Mac workstations, and troubleshooting Crestron displays
- Continually ensured cleanliness of study spaces allowing for a more efficient and enjoyable work environment

Camp Westminster

Conyers, GA

Head Senior Counselor

Summer 2025

- Guided and mentored 10 senior counselors responsible for supporting over 800 campers throughout the summer
- Collaborated with 3 head staff members to lead 50+ counselors and coordinate operations across 7 weeks of camp

ADDITIONAL INFORMATION

Other Activities: Reformed University Fellowship Lead Pianist, Camp Westminster Ropes Specialist

Skills: Java, TypeScript, Node.js, Next.js, React, HTML, CSS, Prisma, Pandas, NumPy, PyTorch, Docker, GitHub, LaTeX

Interests: Piano, Music composition, Desmos, Cooking (Brazilian), Portuguese (conversational)