

Andrew Lu

andrew.lu@emory.edu ✉ · (404) 786-6427 ☎ · Website 1 ⓘ, Website 2 ⓘ

EDUCATION

Emory University

Bachelor of Science in Computer Science, Minor in Applied Math

August 2022 – Present

Cumulative GPA: 4.0/4.0

- Dean's List: Fall 2022, Spring 2023, Fall 2023
- Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Algorithms, Linear Algebra, Machine Learning, Computational Linguistics, Data Mining, Practicum
- Awards/Distinctions: Phi Eta Sigma Honor Society, National Merit Scholar

WORK EXPERIENCE

Emory Libraries, Computing Center at Cox Hall

Atlanta, GA

Computing Center Technology Consultant

August 2023 – Present

- Maintained a friendly environment free of technical difficulties for students and faculty by efficiently managing CCCH's audio/visual system.
- Provided a secure, up-to-date online experience for over 200 students by servicing and maintaining CCCH's 32 computers and 4 printers.

Kerygma Digital

Remote

Software Engineer

June 2023 – July 2023

- Significantly improved user experience by reducing service response latency by 60% (400 ms) through implementing a custom configurable time-to-live HTTP cache for BibleBot, serving over 5 million users across 60,000+ Discord servers.
- Optimized cache usage, decreasing HTML and JSON cache usage by 99% and 39% respectively, by creating custom middleware to strip stored responses.
- Leveraged knowledge in Java, MVC, REST, and Git to quickly learn and work in C# with the ASP.NET framework.

EXTRACURRICULARS

Project Emory

Atlanta, GA

Cofounder/Secretary

May 2023 – Present

- Crafted engaging Spring Boot, MongoDB, and Git curriculum to enhance the technical proficiency of over 20 members.
- Provided practical software engineering experience to over 30 students by establishing and leading Emory's only open project-building club.
- Mentored 2 CS students through peer-programming opportunities, coursework guidance, and pre-professional support, contributing to their overall success in software engineering.

Emory Hack4Impact

Atlanta, GA

Software Engineer

December 2023 – Present

- Designed and developed an internal operations webpage, including an announcements board, HR service page, personal dashboard, and resources page, to provide Odyssey Family Consulting Center with a unified employee experience.
- Leveraged knowledge in Figma to design pages based on client specifications, and JavaScript to implement the designed pages.

ADDITIONAL INFORMATION

Software: (proficient): Java, Git, JavaScript/TypeScript, HTML/CSS, Python, (familiar): Shell, C, C#, Go

Interests: Backpacking, Volleyball, Technical/Modded Minecraft, Linux, Performance Arts (Oboe and Guitar)