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EDUCATION

Emory University

Bachelor of Science in Computer Science

Atlanta, GA

August 2022 – Present

GPA: 4.0/4.0, **Dean's List:** Fall 2022, Spring 2023

Relevant Coursework: Data Structures & Algorithms, Computer Architecture, Analysis of Algorithms, Linear Algebra

Awards/Distinctions: Phi Eta Sigma Freshman Honor Society, Dean's Achievement Scholarship Semi-Finalist, National Merit Scholarship Finalist

EXPERIENCE

Emory Libraries, Cox Computing Center

Computing Center Technology Consultant

Atlanta, GA

August 2023 – Present

- Manage 1/3 of the Computing Center to ensure a welcoming and functional workspace for 200+ students daily
- Address technical difficulties of 20+ students with computer workstations, screen casting equipment, and consoles
- Oversee and facilitate 15+ daily study space bookings for classes, TA sessions, and student organization meetings
- Minimize time and money used on reprints by debugging printer software and updating Cox's staff print guides

Kerygma Digital

Software Engineer

Remote

June 2023 – August 2023

- Developed and improved BibleBot's easy quick reference features for 4m+ users across 51,000+ Discord servers
- Reduced service response latency by 60% (~400 ms) by implementing a custom configurable time-to-live HTTP cache
- Decreased HTML and JSON cache space by 99% and 39% by creating custom DelegatingHandlers to trim responses
- Leverage experience with Java, RESTful APIs, and Git to learn and program in C# using the ASP.NET framework

PROJECTS

Voice Calculator

- Developed a completely hands-free 15-function calculator using the Sphinx4 voice recognition library and MaryTTS
- Improved user experience by adding shortened input/output modes to speed up workflow using VoiceCalculator
- Increased speech detection accuracy by creating modular grammar regex from written form numbers
- Utilized: Java, Apache Maven, Sphinx4, MaryTTS, Git, VSCode

LEADERSHIP AND COMMUNITY ENGAGEMENT

Project Emory

Cofounder/Secretary/Project Lead Coordinator

Atlanta, GA

May 2023 – Present

- Spearhead development and chartering of the only inclusive project-building CS community on Emory's campus
- Establish a welcoming environment for engineers of all backgrounds and experiences to collaborate, learn, and build
- Supervise 4 project leads across 3 web app project groups by learning their codebases to provide technical insights
- Lead weekly scrum meetings with project leads to evaluate work, incorporate feedback, and improve club efficiency
- Create weekly presentations to teach HTML/CSS/JS, Spring Boot, Git, and other tech through hands-on practice

Outdoor Emory

Equipment Committee Vice President/Advanced Backpacking Trip Leader

Atlanta, GA

February 2023 – Present

- Organize, service, inventory, and shelve/pull equipment for Outdoor Emory trips and Emory Recreation rentals, providing 7,000+ Emory students with safe and affordable access to the outdoors
- Manage \$10,000 annually to purchase and maintain needed gear for 50+ trips per year
- Clean unusable space in Emory's gym to move \$15,000+ of equipment and prevent climate-related gear degradation
- Obtained SOLO's 40-hour Advanced Wilderness First Aid & CPR certification to maximize trip participants' safety

ADDITIONAL SKILLS AND INTERESTS

Fine Arts: Oboe (7 years, Guam Philharmonic), Guitar (1 year, Reformed University Fellowship)

Software: (proficient): Java, C#, Git, (familiar): C, HTML/CSS/JavaScript, Python, Go, MATLAB, CI/CD

Interests: Backpacking, Paddleboarding, Spikeball, Volleyball, Technical/Modded Minecraft