

Alan D. Medina

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EDUCATION

Georgia Institute of Technology - College of Computing

Atlanta, Georgia

Bachelor of Science in Computer Science, GPA: 3.6

Expected Graduation, May 2027

- **Concentrations:** Intelligence & Devices
- **Related Coursework:** Data Structures & Algorithms, Discrete Math, Linear Algebra, Objects & Design, Computer Organization
- **Awards/Honors:** The Gates Foundation Scholar, Hispanic Scholarship Fund Scholar, MLT CP 2027, SEO EDGE, Dean's List

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript, Flask, React, C++/C, HTML/CSS, Node.js, TypeScript, SQL, Go, Ruby

Databases: PostgreSQL, MySQL, Firebase, Supabase, Redis

Tools: Git, Visual Studios, PyCharm, IntelliJ, Eclipse, MySQL Workbench, Android Studio, Cursor AI, Docker, AWS, Vercel, Railway

EXPERIENCE

Peachtree Immediate Care | *IT Assistant Intern*

January 2025 - Present

- Resolved 86+ technical support requests weekly across 5+ clinic locations via a centralized ticketing system, consistently resolving issues within 24 hours and reducing clinic downtime by 23%
- Assisted with 15+ system upgrades including network switches, routers, and VoIP configurations, improving operational stability and ensuring compliance with 5+ HIPAA IT standards

Georgia Institute of Technology Admission's Office | *Data Analytics Intern*

December 2024 - Present

- Contributed to outreach presentations in collaboration with an admissions officer to connect with over 500 students from underrepresented communities, advocating for DEI services and support programs at Georgia Tech
- Analyzed admissions data for 5,000+ applicants using Excel, identifying trends in yield and enrollment rates to inform recruitment strategies targeting underserved populations

KidsNextCode | *Programming Instructor Intern*

Jun 2024 - Aug 2024

- Contributed to developing a 6-week coding curriculum consisting of 12 modules, focusing on hands-on coding exercises, improving student comprehension as measured by a 30% increase in quiz scores from pre- to post-program assessments
- Mentored 150 middle and high school students in the bordering Atlanta area, laying a strong foundation in coding principles
- Provided hands-on instruction in web and game development, focusing on fundamental skills in Python, JavaScript, and HTML

PROJECTS

Georgia Institute of Technology CS 2340 - GT Movie Store | HTML/CSS | React | Node | JavaScript | Python | Django

- Designed and developed a full-stack web application used by 60+ user simulating a movie rental store, allowing users to browse, rent, and return 150+ films while tracking inventory and user history through a responsive UI
- Collaborated in a 5-member Agile team, leading sprint planning and peer reviews that resulted in 98% of features delivered on time and improved code quality across the project lifecycle
- Collected and analyzed user feedback through in-app surveys and usability tests, leading to three major UI improvements that boosted feature discoverability by 15+ users

Georgia Institute of Technology Fall Hack -The Mindful Mandate | HTML/CSS | JavaScript | Java | Swift | OpenAI API

- Engineered and programmed the Mindful Mandate app using industry-standard languages such as Java and Swift, incorporating robust functionalities to deliver a seamless user experience for 500+ users
- Integrated APIs to dynamically fetch and display 125+ up-to-date mental health resources, leveraging cloud computing services for efficient data storage and retrieval, resulting in a 40% increase in user satisfaction

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Student Organization for Latinos in Computing at Georgia Tech | *Co-Founder & Media Chair*

Feb 2024 - Present

- Utilized graphic design skills to effectively communicate the organization's mission and values to the student body and broader community that led to a 40% rise in event attendance and participation
- Orchestrated 10+ workshops focusing on career development, achieving a skill enhancement among participants

Lambda Theta Phi Latin Fraternity Inc. Georgia Tech Associate Chapter | *Communications Officer*

Aug 2024 - Present

- Increased follower engagement on social media by 30% through targeted social media strategies and updates for 30+ members

SEO Career | *EDGE Participant*

Jan 2025 - Present

- Receive coaching and online instruction to achieve targeted interview, technical, and professional, development goals

Other Activities: The **D. E. Shaw Group** Nexus Fellow, **Susquehanna International Group (SIG)** Tech Discovery Day Fellow,

Google Latinx Student Leadership Summit, **Capital One** First Gen Focus Fellow, **Accenture** Student Leadership Program,

Bloomberg Hispanic Serving Institute Tech Summit, **Capital One** Black and Hispanic Tech Summit Fellow, **J.P. Morgan** Code For

Good Fellow