

ANDY ZHENG

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I am a STEM-oriented student passionate about Computer Science and Mathematics. I am skilled at rapidly acquiring new abilities and applying them to my work. I have a solid understanding of cloud infrastructure and databases and seek opportunities to learn and grow in both academic and business fields.

EDUCATION

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- **Georgia Institute of Technology** Atlanta, GA
Bachelor of Science in Computer Science Aug. 2023 – Present
– U.S. Citizen — Authorized to work in the United States

EXPERIENCE

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- **Software Development Intern** June 2024 – August 2024
The Travelers Companies Hartford, CT
 - Built scalable backend services using AWS (Lambda, AppSync, CloudFront) and optimized API functionality with GraphQL.
 - Designed and prototyped backend microservices architecture to ensure modularity and maintainability.
 - Collaborated with cross-functional teams using Agile methodology to deliver proof-of-concept (POC) solutions efficiently.
 - **Founder & Organizer** March 2021 – June 2024
Iunctio Project West Hartford, CT
 - Developed and launched websites using React and modern web technologies, enhancing local business presence.
 - Saved businesses over \$2,000 in fees while delivering optimized and user-friendly web solutions.
 - Mentored team members in web development and collaborated with stakeholders to align requirements with client goals.

LEADERSHIP

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- **Philanthropy Chair** Jan. 2024 – Present
Tau Kappa Epsilon Fraternity Atlanta, GA
 - Led multi-day philanthropic events raising over \$10,000 for charitable causes.
 - Coordinated with multiple campus organizations and external partners to maximize outreach.
 - Managed logistics, marketing, and fundraising efforts for significant increases in visibility and funds raised.

PERSONAL PROJECTS

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- **Personal Finance Investment Tracker**
Partner and Software Engineer at Techwood Capital Fund
 - Developed a dynamic web application using React, HTML, and CSS to track personal finance and investment strategies. Utilizing Git pages for publishing
 - Designed the platform to provide users with a central location to track my funds assets.
 - Implemented features for recording and visualizing investment data, offering our own professional insights into portfolio growth and risk management.
 - Collaborated on developing a clean and intuitive interface to make the application accessible and user-friendly for a broad audience.
 - Aiming to make the project publicly available to assist individuals in better managing their personal finances and investments.

TECHNICAL SKILLS

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- **Languages:** Java, JavaScript, HTML5, CSS3, MySQL, Python, R, MongoDB, Node.JS, React, GraphQL
 - **Developer Tools:** Git, Docker, Azure, AWS, Microsoft Flow, Agile/Waterfall Methodology
 - **Relevant Coursework:** Data Structures & Algorithms, OOD, Discrete Systems, Linear Algebra, Combinatorics
 - **Interests:** Financial Planning, Data Science, AI, Volleyball, Table Tennis, Pickleball