Edward Jiang

917-794-8288 | eedwardjiang@gmail.com | www.linkedin.com/in/edwardjiang7 | growddy.github.io

EDUCATION

Georgia Institute of Technology   Expected: Fall 2026
Bachelor of Science in Computer Science   *GPA: 3.83 | Atlanta, GA*
- Threads: Information Internetworks and Systems & Architecture

TECHNICAL SKILLS

Programming:	Java, HTML, CSS, JavaScript, XML, Python, C, LC3, TypeScript, mySQL, SQL
Frameworks:	Next.js, Node.js, React
Software/Tools:	Ultralytics, Roboflow, MongoDB, Clerk, VS Code, IntelliJ, Android Studio, GitHub, Git, Firebase, OpenAI, LangChain, Entity Relation Diagram, Vercel
Concepts:	Data Structures and Algorithms, RESTful APIs, Concurrency, Version Control, Agile Development, Scrum, Object Oriented Programming, Systems and Networks, Computer Organization and Programming

PROJECTS

WanderSync | Java, XML, Git, GitHub, Gradle, JUnit, Firebase
- Collaborated in a 6-person team to design, document, and develop a mobile travel planning application to handle a large user base, enhancing real-time trip planning efficiency and collaboration
- Architected and led the implementation of the MVVM software design pattern to ensure high cohesion and low coupling, resulting in overall code flexibility and extensibility and reducing execution times by 50%
- Implemented user state management and authentication using Firebase, enhancing security and providing a seamless experience by securely storing and retrieving user data
- Wrote comprehensive JUnit test plans, conducting heuristic evaluations, and incorporating user feedback to resolve usability and compatibility issues

CookCraft | MongoDB, Clerk, OpenAI API, LangChain, Next.js, Vercel, Git, GitHub
- Leveraged OpenAI API to analyze user-inputted ingredients and generate recipe suggestions, improving response coherence by 35%
- Integrated Clerk to implement a robust system for user account creation, multi-factor authentication, secure password handling, and secure route protection to enhance trust and ensure compliance with best practices in web security
- Ensured seamless user onboarding with customizable account creation flows and protected sensitive routes with middleware to prevent unauthorized access
- Deployed on Vercel with CI/CD pipeline and achieved <200 ms average API latency

Volleyball Player Detection | Ultralytics, Roboflow, CSS, JavaScript, Git, GitHub
- Engineered an integrated player detection and homography system by training custom YOLO models on over 1000 annotated Roboflow frames and using the dataset to improve detection precision across varied environments
- Built a web-based platform that processes images/videos, applies detection models, and outputs court keypoints with near perfect detection accuracy

EXPERIENCE

Terminus *Atlanta, GA*   Aug 2025 - Present
Startup Technical Co-Founder | Full Stack Engineer
- Leading development of automated drone inspection technology to detect roof damage, removing the need for manual inspections and increasing sales efficiency
- Built a computer vision pipeline with Roboflow machine learning for data annotation and Ultralytics YOLO model training to improve damage detection accuracy
- Developed a client-facing dashboard that summarizes inspection results and delivers actionable insights

Hibachi Buffet *Norcross, GA*   Dec 2017 – Present
Assistant Manager, Cashier, Server
- Streamlined operations to raise service quality and operational process efficiency by delegating responsibilities and ensuring consistent property maintenance, leading to improved customer satisfaction
- Greeted and directed up to 1400 customers daily, ensuring prompt seating and delivering exceptional customer service which contributed to high satisfaction and repeat business
- Oversaw daily financial transactions up to $30K and ensured accuracy in financial records