

Jaden Hamer

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EDUCATION

Georgia Institute of Technology
Bachelor of Science, Computer Science | Cyber-Security/Devices

05/2026
Atlanta, GA

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer

RetailReadyAI (Y Combinator Winter '24) ↗

01/2024 – Present
San Francisco

- **First Engineer:** Spearheaded all technical development efforts as the original and sole technical employee, creating the software instrumental in securing **\$3.3 million in seed funding**.
- Developed mobile applications using React Native and sophisticated web applications utilizing Next.js.
- Created a Flask backend with PostgreSQL database architecture, implementing CI/CD pipeline for automated testing and deployment; included Dockerized PostgreSQL database for streamlined development environment.
- Created advanced AI solutions, leveraging and fine-tuning LLMs for summarizing routing guides and extracting information from emails to produce structured data.
- Went on-site to implement RetailReady solutions in multiple warehouses across two countries.
- Managed another engineer, keeping our sprints on track, and fostering a collaborative development environment.

Teaching Assistant

Introduction to Information Security (CS 3235)

08/2025 – Present
Atlanta, GA

- Managed course logistics and infrastructure for CS 3235, including maintaining the course website and automating administrative tasks with cron jobs.
- Designed and authored complex exam questions to evaluate student understanding of core cybersecurity concepts.
- Provided critical academic support to students through responsive online communication and hosting office hours, clarifying complex topics in information security.
- Collaborated with the professor to refine course materials and improve instructional methods, directly contributing to student success and course efficacy.

Researcher

Machine Learning for Finance Capstone Project

08/2023 – present
Atlanta, GA

- Deployed a machine learning pipeline that analyzed real-time market sentiment on Reddit, using Python and NLTK to identify actionable stock trends.
- Created a data preprocessing system to automate text cleaning and sentiment scoring, enabling fast, organized analysis of trading data.

Data Science Intern

Codoxo

05/2023 – 08/2023
Atlanta, GA

- Delivered a high-volume data solution by developing a synthetic data pipeline that produced more than 300,000 lines of anonymized healthcare claims, which was critical for accelerating secure algorithm testing.
- Enhanced fraud prevention capabilities by engineering realistic synthetic home healthcare claims, ensuring all data was compliant with industry-specific privacy standards.

PROJECTS

Phishing Prevention System | GT Hacklytics Award Winner ↗

Developed a Next.js web application that simulates personalized phishing calls using AI voice agents (ElevenLabs + GPT-4o) to train individuals against scam tactics. Provided user analytics and auto-generated detailed reports on user vulnerability, offering insights on scam effectiveness through sentiment analysis and interaction metrics.

SpecOps ↗

Built a multiplayer AR laser tag game in 36 hours using Snap Spectacles that transforms real environments into interactive battlegrounds. Implemented hand tracking controls for intuitive gameplay, World Mesh technology for environment mapping, and Sync Kit framework for real-time multiplayer functionality. Collaborated with a 4-person team to deliver a fully functional AR experience demonstrating spatial computing and multiplayer synchronization.

SKILLS

Frontend & Mobile Development

JavaScript, React, Next.js, React Native, Tailwind CSS, Android Studio

Backend & Data

Flask, Celery, Redis, Docker, Postgres, Java, Python, Pandas, SQL, AWS S3, AWS SageMaker, Jupyter, NumPy, OpenAI APIs

Tools & Methodologies

GitHub and GitHub actions, Selenium, Command Line, Sentiment Analysis, Agile Methodologies, Kali Linux, Nist Framework,

RELEVANT COURSEWORK

Introduction to Information Security, Computer Systems and Networks, Computer Networking, Data Structures, Design and Analysis of Algorithms, Probability and Statistics, Linear Algebra, Calculus 1-3, Computer Structure and Assembly, Introduction to AI, Robotic Planning