

Nikunj Gupta

Atlanta, Georgia | champnikunj@gmail.com | <https://nikunjgupta.net/> | [linkedin.com/in/nikunjgupta01/](https://www.linkedin.com/in/nikunjgupta01/) | U.S. Citizen

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia

May 2027

Bachelor of Science in Computer Science, Minor in FinTech

- **Degree Concentrations:** Artificial Intelligence, Systems and Architecture
- **Coursework:** Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Systems and Networks, Computer Organization, Object Oriented Programming, Linear Algebra, Discrete Mathematics
- **Affiliations:** Data Science at GT, Currencies Analyst at Trading Club at GT, RoboJackets
- **Languages/ Tools:** Java, Python, HTML, CSS, JavaScript, AWS Architect, Docker, Git, SQL, Django, JIRA, Agile, REST API, CI/CD

EXPERIENCE

Software Engineer Intern - macOS, iOS

Dallas, Texas

Federal Reserve Bank of Dallas

June - August 2025

- Engineered and deployed robust Bash/Shell automation scripts for a fleet of over 1,000 macOS devices, automating critical security compliance checks and performing data aggregation, saving 5,000+ engineer hours annually.
- Built internal tools that improved IT system efficiency by 40% and drove a 90% first-contact resolution rate across the entire Federal Reserve System, directly enhancing platform reliability and user satisfaction.

Discrete Mathematics Teaching Assistant

Atlanta, Georgia

Georgia Tech College of Computing

January 2025 - Present

- Held weekly recitation sessions and office hours for 400+ students, providing comprehensive instruction in discrete mathematics concepts including propositional logic, proof techniques, set theory, permutations and combinations
- Collaborated with course instructors to grade assignments and exams, created supplementary study materials

Trading at Georgia Tech

Atlanta, Georgia

Market Insights: Currencies Analyst

August 2024 - Present

- Generated weekly technical analysis reports on global currency pairs and cryptocurrencies to identify market trends/ trades
- Delivered data-driven market insights through synthesis of macroeconomic indicators, geopolitical events, and chart patterns

PROJECTS

Georgia Tech Course Tracker

August 2024 - Present

- Developed an asynchronous web scraping system using Python's asyncio and BeautifulSoup4 to track real-time course availability with 2-second refresh intervals across multiple course sections simultaneously
- Built a responsive application with shadcn/ui components, enabling students to dynamically track and manage multiple course sections through an intuitive dashboard

Portfolio; www.nikunjgupta.net

May 2024 - Present

- Developed a modern, responsive personal portfolio website using Next.js, React, TypeScript, CSS, and HTML
- Implemented smooth, engaging animations and interactive UI components, enhancing user experience and visual appeal

More than Ready

June 2025

- Developed a full-stack job-readiness platform developed with React, Node.js, and Express.js, which revolutionizes the job search for Gen Z women through an AI-powered resume parser, real-time advice chatbot, and confidence-building tools
- Leveraged Natural Language Processing (NLP) libraries for the resume parser to extract key skills and experiences, and integrated APIs to power the real-time, context-aware advice chatbot

Sentiment Analyzer

August 2023 - August 2024

- Created a sentiment analysis system utilizing NLTK's VADER framework to analyze text data, extracting emotional patterns
- Developed and integrated text analysis functions for sentiment scoring, and automated feedback generation

LEADERSHIP AND COMMUNITY ENGAGEMENT

Destination Imagination

- Engineered an 8' x 8' recycled roller coaster (3rd place, 2023 Global Finals) and a hoverboard powered by exercise bands
- Led a COVID-19 community service initiative, raising \$1,200 for Meals on Wheels and secured 2nd worldwide

Future Business Leaders of America

- Led comprehensive financial analysis of Intel Corporation, evaluating key performance metrics, capital structure, and market positioning through in-depth examination of 10-K reports, earnings calls, and industry benchmarks
- Developed strategic recommendations focusing on semiconductor market expansion and R&D investment optimization

HONORS

2nd Overall @ FidHacks Hackathon, Fidelity Launchpad Fellow

Amazon Campus Prep Series, Humana Early ID Scholar

Susquehanna International Group Discovery Day

Destination Imagination

- ❖ 2024: 1st place at State, 2023: 3rd place at Global Finals, 2022: 5th place at State, 2021: 2nd place at Global Finals

Future Business Leaders of America

- ❖ 2024: 1st place at Area, 5th place at State Leadership Conference (Qualified for National Leadership Conference)