

AASHNA KSHIRSAGAR

☎ (615)-870-2235 | ✉ akshirsagar39@gatech.edu | 🔗 linkedin.com/in/aashna-kshirsagar | 🌐 aashnak.me | 🇺🇸 US Citizen

Education

Georgia Institute of Technology

May 2027

Bachelor of Science in Computer Science (Threads: Cybersecurity & Intelligence), Minor in FinTech; GPA: 3.60 Atlanta, GA

Georgia Tech Europe

Summer 2025

Study Abroad Program — Coursework in Computer Science and European Studies

Metz, France

Relevant Coursework

- Object Oriented Programming
- Data Structures & Algorithms
- Artificial Intelligence
- Intro to SQL
- Linear Algebra
- Finance and Investments

Technical Skills

Languages: Java, Python, C, C++, SQL, HTML, CSS, JavaScript, kdb+/q, Octave, Swift, Apps Script

Frameworks & Libraries: Django, Flask, React

Tools & Technologies: Git, GitHub, Docker, Google Colab (GPU acceleration), Linux/Bash

Professional Experience

Researcher @ Georgia Tech Financial Services Innovation Lab (FSIL)

Jan. 2025 – Present

Georgia Institute of Technology

Atlanta, GA

- Build parsers to extract section-level data from SEC S-1 IPO filings using Python and sec-edgar-downloader, creating structured datasets for IPO readability research.

Georgia Tech Center of Distributed Energy (CDE)

May 2024 – May 2025

Georgia Institute of Technology

Atlanta, GA

- Designed and implemented a website for Energy 2040 publication and led modernization efforts to expand reach.

Information Technology Services

Jan. 2024 – May 2024

Kennesaw State University

Kennesaw, GA

- Developed AI-powered chatbot integrating OpenAI API and Milvus vector database to enhance university website UX.

Projects

Order Entry System (Millennium Project)

2025

Millennium Project

- Built a full-stack order management system with order creation, execution, cancellation, and live stock price integration.
- Implemented LSTM-based price prediction and Gemini-powered natural language trading assistant for smart order entry.

PANDA (Pump Analysis & Notification for Dump Avoidance)

Jan. 2025

Hacklytics 2025 - Finance Track (3rd Place)

- Developed a neural network to detect crypto pump-and-dump schemes by combining social media analysis (Reddit, X, YouTube, TikTok) with market cap data.
- Built alerting system that successfully flagged suspicious tokens before major price swings, offering investor protection.

AI Writer

2022

Google Docs Add-on

- Created GPT-3.5-powered add-on providing ChatGPT-like assistance in Google Docs.
- Adopted by 3,000+ users, generating 5M+ words across writing projects.

Leadership and Community Engagement

Georgia Tech Girls Who Code - Mentor

Aug. 2024 – Present

- Mentor high school students in coding, college, and tech careers; attend networking and philanthropy events.

Georgia Tech Bits of Good - Developer Bootcamp

Aug. 2025 – Present

- Learning web fundamentals and frameworks in a semester-long program that delivers production apps for nonprofits.

Additional Skills & Interests

Certifications & Honors: Stanford Coursera Machine Learning Certification, Governor's Honors Program (GHP 60 CS)

Languages: English, Marathi, Hindi

Interests: Waterpolo, Hiking, Stock Trading, Pickleball, Traveling