

# ANKIT K GUPTA

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## EDUCATION

### Skidmore College, Saratoga Springs, NY

Expected May 2026

- Major: Computer Science, B.A | GPA: 3.99 | Minors: Business and Biology
- Related Coursework: Computer Architecture, Algorithms & Data Structure, Software Design, Robotics

### CodePath, San Francisco, USA

- Intermediate Technical Interview Prep (Summer 2024), Cybersecurity 101

## TECHNICAL SKILLS

Python, Java, JavaScript, Django, HTML, CSS, AWS, Git, Github, Blender, React, Next.js, SQL, Linux, Figma

## EXPERIENCE

### Skidmore Opportunity Fund, Developer

Jan 2024 - Present

[Saratoga Springs, NY] [ [Skid Central](#) ]

- Developing an event-management app and kiosk, projected to save 6,500+ sheets of paper per semester.
- Implemented a real-time event retrieval system with Java's HttpClient, interfacing with Skidmore's CampusLabs API.
- Extended the system with a separate web app for event submissions, streamlining event creation and visibility.
- [Utilized](#): Java, HttpClient, Firebase, Java Swing, Apache Log4j, HTML/CSS, Javascript, Git, Raspberry Pi, API.

### HeadStarter, Software Engineering Fellow

June 2024 - Aug 2024

[New York City, NY] [ [Constitution AI](#) ]

- Engineered 5+ AI full-stack applications and APIs utilizing Next.js, OpenAI, Pinecone, and AWS.
- Led end-to-end development and deployment of projects, in a team of 3+ engineers using MVC design patterns.
- Developed and launched Constitution AI Chatbot for Nepal, a Retrieval-Augmented Generation (RAG)-powered platform providing precise constitutional insights, advancing legal literacy and accessibility. (Project 1 out of 5)
- [Utilized](#): Next.js, Firebase, Pinecone, AWS, Html, CSS, Retrieval-Augmented Generation

### Skidmore's Computer Department, Undergraduate Researcher

Aug 2023 - May 2024

[Saratoga Springs, NY]

- Designed and implemented an automated system for querying, data retrieval, and entropy calculation using Apache Jena for ontology-based data while collaborating with 3 teammates and a professor.
- Established a robust foundation for training machine learning models with semantically rich data, significantly enhancing prediction accuracy and efficiency in semantic analysis.

### Skidmore College, Teaching Assistant

Jan 2024 - May 2024

[Saratoga Springs, NY]

- Mentored and supported students by providing technical support during lab sessions and assignments.
- Assisted students in debugging and solving numerous coding issues, ensuring successful project completion.

## PROJECTS

### Hackathon Team Lead, Impromptu: SBU Hacks VI [ [Impromptu](#) ]

- Led a team of four to develop a web application in under 48 hours during a hackathon, aimed at enhancing public speaking skills with random prompts and real-time feedback.
- Leveraged OpenAI's natural language processing capabilities to evaluate speech relevance and coherence.

### Second Brain: Full Stack Django Web Application [ [Second Brain](#) ]

- Creating a personal management web app using Django, integrating 20+ tools for productivity, exam preparation, and personal organization, to enhance my daily life and continuously improve my technical skills.
- Planned, documented, and tested the project using Sphinx and unit testing for smooth production.
- [Utilized](#): Django, JavaScript, Jinja2, Figma, draw.io, Sphinx, Git, Blender, AWS EC2, RDS, S3.

## LEADERSHIP EXPERIENCE

### President: Skidmore Codes

Aug 2023 - Present

### Resident Assitant and Community Assistant: Skidmore Residential Life

Aug 2023 - Present

## HONORS AND AFFILIATIONS

[Davis UWC Scholar](#) | [The Odin Project](#) | [Dean's List \(Fall 2022 - Present\)](#) | [SEF Award](#) | SEE Beyond Fund | Honors Forum