

# Arnav Deepaware

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## Education

**B.S. in Computer Science** | *CUNY City College of New York*

GPA: **3.72** | *May 2027*

**Relevant Coursework:** Software Engineering, Operating Systems, Database Management, Algorithms, Data Structures, Intro to C++, Object Oriented Programming (Java), Data Science, Web Development, Linear Algebra

**Languages:** Python, Java, JavaScript, TypeScript, C/C++, Dart

**Frameworks & Libraries:** React, Next, Node, Express, Flask, Spring Boot, MongoDB, MySQL, REST APIs

**DevOps:** Git, Docker, Kubernetes, Vercel, AWS Cloud, Google Cloud, CI/CD, Postman

## Experience

**Software Engineer Intern** | *truCurrent*

*New York, NY | Jun 2025 – Aug 2025*

**Tech Fellow** | *CUNY Tech Prep*

*New York, NY | Aug 2024 – Present*

- Selected among 130 students for the fellowship from 5,000 computer science students across 25 CUNY colleges.
- Developed industry-level skills through hands-on projects in data science, ML models, and open-source contributions.

**Computer Science Tutor** | *CUNY City College*

*New York, NY | Feb 2024 – Present*

- Tutor 16+ students in CS concepts, coding assignments, and debugging, leading to improved grades and performance.
- Facilitate with 4 fellow tutors to develop effective teaching strategies and support student success.

**Software Engineer Mentee** | *Google x Basta*

*New York, NY | Oct 2024 – Jan 2025*

- Admitted to an exclusive 1:1 mentorship program with Google engineers, selected from a pool of 1,200+ applicants.
- Practiced advanced technical interview prep, mock interviews and best software engineering practices weekly.

**Software Engineer Intern** | *The Difference App*

*New York, NY | Jul 2024 – Aug 2024*

- Collaborated with 2 interns over 2 agile sprints during a 6-week internship, delivering key app updates on schedule.
- Updated app's profile screen with 23 endpoints and state management to handle new data from the backend.
- Created 3 pre-production profile screens, aligning with the company's Figma designs and UI/UX plans.
- Boosted revenue potential by launching in-app subscription buttons, eliminating external sign-ups for 1,000+ users.
- Briefed 4 senior executives in weekly cross-functional meetings, reporting team progress and key milestones.

## Projects

**SitRight – HackKnight** | *Second Best Hack*

*Mar 2025*

- Designed an AI-powered posture detection application that provides real-time feedback, continuous monitoring and alerts.
- Trained a machine learning model with 90% accuracy, inputting body parts' ratios and angles to predict scores.
- Created a WebSocket server to seamlessly connect webcam input of 30 fps to backend tensorflow model to frontend.
- **Technology:** Python, WebSockets, OpenCv, MediaPipe, TensorFlow, Keras, Scikit-learn, Chart.js

**See My Project – Hack@Brown**

*Feb 2025*

- Deployed a visualization algorithm to generate system architecture from users' project specifications.
- Created a RAG model using LangChain agents to provide custom project workflows and UML diagrams.
- **Technology:** Python (Flask), React.js, AWS (EC2 & S3), Terraform, MongoDB, OpenAI, LangChain

**Food Feud – CUNY Tech Prep**

*Sep 2024 – Dec 2024*

- Engineered an AI-powered recipe recommendation web application to personalize suggestions from user preferences.
- Cleaned data for 100K restaurants to present to users, utilized Hugging Face and Gemini API to generate recipes.
- **Technology:** Pandas, NumPy, Matplotlib, Streamlit, Kaggle, Hugging Face, Gemini API

## Leadership

**Logistics & Engagement Director** | *TEDxCUNY*

*New York, NY | Sep 2023 – Present*

- Lead a team of 22 to successfully deliver the largest university TEDx conference in the U.S.
- Secure 50+ sponsors and coordinate 13+ workshops, resulting in a 30% increase in sponsorship revenue.
- Coordinate logistics and operations for the 8-hour conference, ensuring a positive experience for 650+ attendees.