

Sai Nellutla

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EDUCATION

Cornell University - College of Engineering

Ithaca, NY

Bachelor of Science in Computer Science and minor in Philosophy

Expected Graduation: May 2027

Relevant Coursework: AI in Python, Data Structures & Algorithms in Java, Object Oriented Programming in Python, iOS App Dev in Swift, Digital Logic & Computer Org. in C, Functional Programming in OCaml

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, SQL, Swift

Frameworks/Libraries: React, Node.js, PostgreSQL, REST APIs, OpenCV, MediaPipe, Tensorflow, NumPy, Supabase

Developer Tools: Google Analytics, Figma, MSOffice, GammaAI, Git, Asana, Jira, Netlify, Vercel, Linux, MacOS

EXPERIENCE

AI Product Manager Intern

May 2025 – August 2025

Adaptive Security | **OpenAI Fund & a16z** backed AI Cybersecurity Startup

New York, NY

- Led a 4-intern team to develop and launch **AI-powered content generation feature**, defining product vision to automate cybersecurity training creation using ElevenLabs, Hedra, and computer vision APIs.
- Managed **end-to-end product delivery** from **wireframes to production**, coordinating with design team on **UX mockups** and engineering team on **ML integration**, resulting in **75% reduction** in manual content creation time.
- Established key performance indicators (**KPIs**) for content generation efficiency and drove **cross-functional** alignment between engineering and design teams to deliver **production-ready feature** within **8-week timeline**.

Technical Product Manager Intern

Jul 2024 – Aug 2024

Blockhouse | Fintech Trade Execution Startup

New York, NY

- Conducted **user research** by observing sales team workflows, identifying manual trade data parsing as key bottleneck and developing **product roadmap** for automated 13F filing ingestion covering 3,000+ investment firms.
- Led **cross-functional** team through **3 agile sprints** to deliver internal analytics tool, managing engineering trade-offs to reduce report generation time by **40%**, enabling increased **client outreach capacity**.

PROJECTS

Focallus: Distraction Monitoring System | OpenCV, MediaPipe, Python, Computer Vision, ML

Present

- Developed a computer vision-based distraction monitoring system using OpenCV, MediaPipe, and ML algorithms for real-time eye tracking, achieving **85% accuracy** and helping users **optimize focus** during study sessions.

Parkr: Find Cheap Parking on Campus | React, HTML, CSS, JavaScript, PostgreSQL, Netlify

Present

- Launched a full-stack parking platform with **250+ user engagements**, utilizing REST APIs for seamless data communication. Reduced bounce rates by **25%** through **user-focused UI/UX design** with React.

Prakriti: Feeding the Future | Arduino, React, JavaScript, HTML, CSS, Netlify

Feb 2024

- Served as the team lead, winning **\$3,000** for developing Prakriti, an **IoT-driven** business solution which intends to eliminate rice crop burning in India, targeting **86 million tonnes of CO2** emissions annually.

CAMPUS INVOLVEMENTS

Vice President | Engineers Without Borders at Cornell

Oct 2023 – Present

- Lead a **50-member** team, managing stakeholder communication, and coordinating project logistics for international & domestic projects, including a local Climate Fund App that raised **\$2,000+** for Tompkins County.
- Spearheaded an engineering initiative in **Bolivia**, leading a cross-functional team to construct a septic system for **300+ rural residents**, directly improving health outcomes and reducing waterborne illness risk for the community.

Social Lead | Association of Computer Science Undergraduates at Cornell

Oct 2024 – Present

- Taking initiative and leadership as an EBoard member, organizing fundraising, recruitment, and social events.
- Created promotional social media content on Instagram and X for events increasing event attendance by **65%**.

AWARDS & INTERESTS

Awards: Beck Entrepreneurship Fellow (\$6000), Cornell DigAg Hackathon 1st Place (\$3000), CSMore Scholar (\$1000)

Interests: Tibetan Mountaineering, High-altitude Cooking, Boulderling, Hiking, Street Art, Stand-up Comedy & Open Mic