

Ansh Shah

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EDUCATION

University of Illinois: Urbana - Champaign, IL

Exp. Graduation May 2027

Bachelor of Science, Mathematics and Computer Science (BSLAS); Statistics Minor; AFROTC Cadet

GPA: 4.0 / 4.0

Relevant Coursework: Intro to CS I (Java), Intro to CS II (C++), Discrete Structures, Abstract Linear Algebra, Differential Equations, Probability Theory, Intro to Higher Math, Data Science Discovery, Statistical Analysis

Neuqua Valley High School - Naperville, IL

High School Diploma

GPA: 4.5 / 4.0

PROFESSIONAL EXPERIENCE

Software Engineer | NOBE Consulting – Urbana, IL

September 2025 – Present

- Working with software engineering team to develop highly responsive 10+ page frontend
- Building custom elements with Next.js and Tailwind CSS for customer usability and to convey company brand.
- Collaborating closely with designers via Figma to translate wireframes into 8+ website components aligned with modern design principles, accelerating front-end development by 33+%.

Software Engineering Intern | Storato.io – Naperville, IL

June 2025 – August 2025

- Engineered Python web scraping pipeline using Cr4wlai and Pandas to automate collection and structuring of 50,000+ customer listings into JSON, reducing manual data entry
- Worked with data analytics team to collect 10,000+ points of competitor data for customer profile and project potential market size.

Research Assistant | UIC Math Department – Chicago, IL

April 2024 – September 2024

- Researched applications and feasibility of mathematical and machine learning models to horse racing outcome prediction.
- Utilized 20+ various international race datasets to compile jockey and horse data from 1000+ races into .json format for data compilation.

Search Engine Optimization/Marketing Intern | Fantasy Trading Room – Champaign, IL

January 2024 – May 2024

- Contributed to SEO and social media marketing efforts for sports analytics and media startup.
- Grew website viewership to 370,000+ users through optimized organic SEO.
- Accumulated 2.5M+ views on Instagram through targeted marketing campaigns.

SKILLS

Software Development: Python, Java, JavaScript, TypeScript, Mathematica, HTML/CSS, Git/Github, Pandas, Object-Oriented Programming, Testing/Debugging, Calculations/Computations, Data Analytics, SEO

PERSONAL PROJECTS, CERTIFICATIONS, AND AWARDS

Personal Portfolio– JavaScript, HTML/CSS (Next/React/Tailwind CSS/Vercel)– *Personal Side Project* – 2025

- Building a responsive personal portfolio website featuring dark/light mode toggle, smooth scrolling navigation, and modern UI animations to showcase professional experience and technical skills.
- Implemented React hooks for state management and light/dark mode theming, utilizing Tailwind CSS for responsive design across mobile and desktop platforms.

Sous.io – Python, JavaScript, HTML/CSS –*Group Project*– 2025

- Developing AI-utilizing Next.js web app for recipe discovery based on available ingredients.
- Implemented autofill ingredient search, responsive design, and RESTful API architecture for user-inputted data collection.

Supervised Machine Learning: *Regression and Classification: Stanford University*; **Microsoft Office Specialist:** *Excel Associate*

LEADERSHIP

Financial & Technical Director | Steam Dream Inc. 501(c)(3) – Naperville, IL

January 2023 – Present

- Managed startup finances and secured \$3,900+ in initial funding for a non-profit in initial growth phase.
- Programmed full multi-page website using HTML, CSS, JavaScript, and VUE for organization.
- Maintained financial record-keeping for 3+ years as well as employee file database system for 2+ years.

DECA – DECA Inc. – 2022-2025

- 2x Entrepreneurship 3rd Place IL
- 2x Virtual Business Challenge 1st Place Midwest; 8th Place International 2024; 11th Place International 2025