Nisarg Oza

EDUCATION

Freedom High School — Chantilly, VA
GPA 4.28 — *Aug. 2023 – Jun 2027*

EXPERIENCE

Albert Einstein College of Medicine — July 2024 – Present
Research Intern

- Utilized AI and neural networks to effectively refine the clinical diagnosis and detection of patients with Alzheimer's disease.
- Developed computational neuroanatomy methods to derive medical-based imaging biomarkers for disease prevention.
- Create computer-assistant diagnosis techniques that can be translated into clinical practice using machine-learning-based methods.

Headstarter AI — July 2024 – Present
Software Engineer Fellow

- Built 5+ AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 1000 users.
- Developed projects from design to deployment leading 4+ engineering fellows using MVC design patterns.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice platforms.

Loudoun County Democratic Committee — June 2024 – Present
Data Analytics Intern

- Analyzed and organized large swaths of multivariate data and supported the work of political candidates.
- Used different data analytics procedures such as data cleaning and predictive analysis.

AWARDS

All-Virginia Guitar 2023 — Nov. 2023

- Accepted into a rigorous audition based guitar ensemble for the top 40 high school guitarists in Virginia.

President's Education Awards Program — May 2023

- Achieved the President's Education Award for outstanding academic excellence.

SKILLS & INTERESTS

Skills: Python, Java, HTML, CSS, ReactJS, MATLAB, NextJS
Interests: AI, Machine Learning, Coding, Neurodegeneration

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