

Nisarg Oza

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EDUCATION

Freedom High School

GPA 4.28

Chantilly, VA

Aug. 2023 – Jun 2027

EXPERIENCE

Albert Einstein College of Medicine

Research Intern

July 2024 – Present

- 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

Software Engineer Fellow

July 2024 – Present

- 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

Data Analytics Intern

June 2024 – Present

- 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.

PROJECTS

PulseAI

July. 2024

- A telemedicine platform that uses AI to assist doctors during virtual consultations by analyzing patient symptoms and medical history in real-time, suggesting possible diagnoses, and recommending next steps.

SKILLS & INTERESTS

Languages: Python, Java, HTML, CSS, MATLAB

Frameworks: Node.js, Flask, React, NextJS

Developer Tools: Git/Github, VS Code, Kaggle, MS Office