Pranav Narayanan

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EDUCATION \_\_\_\_\_\_

Vanderbilt University Nashville, Tennessee

GPA: 3.81/4.00 Expected May 2028

Majors: Electrical & Computer Engineering, Applied Mathematics | Minor: Business

Eden Prairie High School Eden Prairie, Minnesota

GPA: 4.00/4.00 ACT: 35 | VU Merit Scholar | Presidential Service Award - Gold June 2024

PROFESSIONAL EXPERIENCE

Vanderbilt University Medical Center – Bick Lab Nashville, Tennessee

Research Analyst January 2025 - Present

• Identifying neurophysiology biomarkers of brain stimulation associated with 40+ patients with Parkinson’s disease

• Aligning neurophysiological recordings with behavioral tasks by analyzing 100+ hours of LFP and EMG data

• Utilizing Python and Django for data processing and analysis of neurophysiological datasets

180 Degrees Consulting Nashville, Tennessee

Business Analyst September 2024 - Present

• Collaborated with analysts to develop a strategy using Python and Django for the Center of Collaborative Democracy

• Created a marketing plan integrating third-party services like payment gateways using consulting tools

• Researched industry reports and presented findings to clients

Vanderbilt Fusion Project Nashville, Tennessee

Safety Team Member September 2024 - Present

• Implementing safety and regulatory compliance measures for the undergraduate nuclear fusion reactor

• Prepared risk assessment and mitigation strategy using Django models for maximum safety standards

• Facilitating safety protocols for radiation, high voltage, and other reactor aspects

Astrin Bioscience St. Paul, Minnesota

Engineering Intern June 2023 - September 2023

• Led manufacturing and quality assurance using Python and Django for fluid dynamic identification chips

• Analyzed chips integral to the company’s imaging platform for cancer detection

• Employed engineering techniques like plasma etching and thermal adhesives

PROJECTS \_\_\_\_\_\_\_\_\_\_\_\_\_

NeuraFrame VR Eden Prairie, Minnesota

Co-Creator June 2022 – June 2023

• Created VR-based model to treat neurodegenerative diseases

• Conducted research and engaged experts to establish clinical feasibility

• Developed an innovation brief showcasing technology

COMMUNITY SERVICE \_\_\_\_\_\_\_\_\_\_\_\_\_

Vandy Karma Nashville, Tennessee

Treasurer December 2024 - Present

• Overseeing budget and financial operations using Django for smooth operations

• Developing sponsorship proposals and grant applications for funding

• Executing religious and cultural events

Huddle to Heal Campaign Eden Prairie, Minnesota

Project Director June 2023 - February 2024

• Managed logistics and operations for a fundraising event

• Raised funds for support resources

• Recruited players, volunteers, and sponsors

Chinmaya Mission Twin Cities Chaska, Minnesota

Cultural Team Intern June 2022 – August 2023

• Organized religious overnight camp and managed a stage play

• Aided in administrative tasks

SKILLS & INTERESTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Skills: Python & Django proficiency, Financial Modeling, UI Design: Figma, Project Management, Intermediate Spanish

Interests: The Human Brain, Adventure Sports, Minnesota Vikings History, How I Met Your Mother, Mall of America