**Samar Vinod**

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**EDUCATION**

**University of Notre Dame** | Notre Dame, IN May 2027

*Bachelor of Science GPA: 3.75*

Major: Computer Science | Minor: Engineering Corporate Practice

**LEADERSHIP AND ACTIVITIES**

**ND Venture Capital – Associate** |University of Notre DameJanuary 2025 – Present

* Provided portfolio support to PivotNorth Capital by driving expansion through campus exposure and conducting market research to enhance student engagement and user adoption for portfolio company.
* Conducted due diligence on a portfolio company and authored an investment report to support the NDVC student fund’s decision-making process in providing additional investment in the company.

**Undergraduate Admissions - Campus Tour Guide** | University of Notre Dame January 2024 – Present

* Selected in a competitive process to conduct tours for parents, students and visitors interested in the university.
* Crafted and delivered 2+ weekly engaging tours tailored to visitors’ interests, enhancing their campus experience.
* Strengthened communication and interpersonal skills by embodying the university’s values and community spirit.
* Coordinated and led events such as The Rally to welcome students and introduce them to campus life and culture.

**Students International Business Council – Team Analyst** |University of Notre DameJanuary 2024 – April 2024

* Collaborated with a team to develop a solution, leveraging Metaverse technology, for a challenge faced by Bosch.
* Conceptualized a digital space to streamline talent acquisition, using SynergyXR, to enhance candidate engagement.
* Researched and designed a technical room that highlights work culture and examples of technical tasks employees do.
* Delivered a presentation of the proposed idea and its strategic implications to Bosch engineers at their Chicago office.

**PROJECTS AND EXPERIENCE**

**Stock News Sentiment Analysis Visualization** |PersonalProjectJuly 2024 – July 2024

* Launched a web-scraping program using **Python** to conduct sentiment analysis on article titles for specified stocks.
* Leveraged **BeautifulSoup** for web-scraping, **pandas** for data manipulation, and **VADER** for sentiment analysis.
* Collected data by making HTML requests to the website Finviz, processing, and analyzing the data collected.
* Visualized the data by creating a bar plot of each stock with the polarity scores from sentiment analysis over time.

**Intern** |Kalkitech – ASE SystemsMay 2024 – June 2024

* Conducted research on LLMs and Retrieval-Augmented Generation architecture to develop a virtual assistant.
* Developed LLMs using Microsoft Copilot and CogniSwitch, a data platform, testing and reconfiguring these models.
* Deployed respective demo programs and allowed users to provide feedback on the accuracy of the responses.
* Published an 8-page report, highlighting the results of the research, and how it aligns with the firm’s interests.

**College Football Data Analysis Application** |University of Notre DameMarch 2024 – May 2024

* Programmed an application in a group by using **MATLAB** to visualize College Football Data through graphs and tables including correlations between statistics, statistics over time, conference statistics, and more.
* Drafted 3 deliverables over the 3 months highlighting the design process in the development process and presented a final deliverable to the class in a short 4-minute presentation selling the purpose and utility of the application.

**TECHNICAL AND LANGUAGE SKILLS**

**Technical:** C, Python, MATLAB, Unix, Git, Bash, SolidWorks, 3D Printing, RapidMiner

**Languages:** Malayalam, Hindi, Spanish

**Interests:** Tech Startups, Entrepreneurship, Basketball, College Football, Cricket, Notre Dame Sports, Guitar, Travelling