Chirag Bhat
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Education

Athens High School 2019 - 2023
GPA - 3.87
- President and Founder of Robotics Team FIRST Argonauts 8728

Michigan State University 2023 - 2024
Bachelor of Science- BS - Biomedical/Medical Engineering
- Engaged in a diverse array of rigorous academic coursework to push personal boundaries and ascertain the extent of one's capabilities.

University of Michigan 2024 - 2027
Bachelor of Science- BS - Biomedical/Medical Engineering and Robotics
- Pursued a wide range of challenging academic subjects to test personal limits and understand one's full potential.

Professional Experience

Brose Fahrzeugteile May 2024 - Present
IT Intern
- Developed a deep understanding of enterprise IT solutions, providing technical support and troubleshooting for various systems. Gained hands-on experience with network management, system administration, and cybersecurity protocols, enhancing overall IT infrastructure and efficiency. Collaborated with team members to implement and maintain robust IT services, ensuring seamless operations and high availability.

Dark Services March 2019 - Present
Head System Administrator
- Gained cybersecurity expertise by leading a team of five system administrators, overseeing up to 30 operations simultaneously, using scripting languages for automation, and designing custom Intrusion Detection Systems with automated alerts to significantly reduce data leakage risks.

Michigan State University May 2024 - Present
Research Intern
- Developed programs in Python to assist in magnetic particle imaging processes, enhancing image acquisition and analysis. Improved algorithms to boost image quality and processing speed, ensuring accurate data interpretation. Collaborated with teams to integrate these programs into existing systems, providing support and troubleshooting.

Michigan State University October 2023 - April 2024
Undergraduate Research Assistant
- Gained practical expertise in a Chemistry Lab by mastering compound creation and essential methods, and honed Python programming skills in a Computer Lab to analyze samples.

Michigan State University November 2023 - April 2024
University Council
- Engaged in high-level decision-making and policy formulation, playing a key role in shaping the strategic direction, ensuring academic integrity, and overseeing the overall governance of the university.

Top Golf June 2023 - August 2023
Guest Services
- Managed Topgolf game and bay assignments to foster a welcoming environment, upheld pristine service areas with meticulous attention, and seamlessly collaborated with front-of-house and back-of-house teams to consistently deliver exemplary service and enhance the overall guest experience.

Personal Projects

Drug Release Calculator

Python

- In partnership with the Institute of Qualitative Health Science and Engineering, we developed a sophisticated Drug Release Calculator. This tool accelerates experimental workflows and delivers rigorously validated data, tailored to meet the diverse requirements of our users.

GPTHelper

Python and Java

- Developed a Discord bot that democratizes access to GPT-4, offering comprehensive responses at a reduced cost, thus enhancing user engagement and knowledge discovery.