Himanshu Joshi

608 13th Avenue SE • Minneapolis, MN 55414 • joshi271@umn.edu • (929) 290-5854 • himanshuj.com

EDUCATION

University of Minnesota – Twin Cities   **Minneapolis, MN**
Bachelor of Applied Sciences, ITI   *May 2021*
Minors: Computer Science & Management
Related Coursework: Introduction to Computing and Programming Concepts, Introduction to Algorithms and Data Structures, Discrete Structures of Computer Science, Machine Architecture and Organization, Elementary Computational Linear Algebra, Advanced Programming Principles, Algorithms and Data Structures, C Programming Language and Applications, Physics I and II, Calculus I and II, Business Statistics, Microeconomics, Introduction to Financial Reporting, Practices of Database Systems.
Technical Skills: Python, Java, C, OCaml, SQL, AWS, Docker, Assembly, Perl, Shell, HTML, CSS, Git, Microsoft Office.

PROFESSIONAL EXPERIENCE

Mu2e Experiment by Fermilab at School of Physics and Astronomy, University of Minnesota   **Minneapolis, MN**
Undergraduate Research Assistant, Lead Developer   *June 2019-Present*
- Assemble and test components for detector to be placed in particle accelerator at Fermilab, Chicago. A $300M particle physics research project funded by United States Department of Energy to study Muon-to-Electron Conversion.
- Designed a set of GUIs with Python to help create the panels for the detector. The GUIs made sure that standard procedures were followed to make the panels with precision. The data from these procedures were collected in SQLite.
- Analyzed the collected data using SQL and partnered with the research team to maximize the detector efficiency.

Aramark and MDining   **Minneapolis, MN**
IT Team   *January 2018 – November 2018*
- Monitored IT and troubleshooting for Gopher Football and Minnesota United FC at TCF Bank Stadium.
- Worked with Papa John's and Einstein Bros. Bagel to understand the product line and filtered the menu to cater to key demographics; achieved higher sales and exceptional service quality.

Zero UI at CES 2018   **Las Vegas, Nevada**
Technical Marketing Intern   *December 2017- January 2018*
- Collaborated with the team and devised strategies to market the smart robotics kit to more than 100,000 attendees from 4,400 companies.
- Showcased the products live to the future customers and investors. Explained the technology behind robotics and how it is beneficial in a simple and comprehensive way.

LEADERSHIP & ACHIEVEMENTS

Bharat UMN (International Student Group)
President   *December 2018 –Present*
- With a huge budget of $25,000 in a year, successfully collaborated with other board members to come up with ideas for events.
- Organized biggest Holi (Festival of Colors) on campus which saw an attendance of 10,000.

First Generation Students (Student Group)
Event Coordinator and Public Relations   *November 2018 – May 2019*
- Executed over 10 events in a semester including First Generation Parent Appreciation Gala. I administered the gala committee with a budget of over $10k, with a vision to decrease the gap between the first-generation parents and students.
- Conducted numerous one on one interviews with students to understand the most prominent issues being felt and then planned events that would help tackle these issues. Partnered with 6 organizations to make these events success.

ADDITIONAL

- **Involved in-** Beta Chi Theta National Fraternity Inc., MinneHack 2018, Co-founder for GCMUN and WAFMUN.
- **MOOCs-** 'How Things Work' by University of Virginia, 'From Big Bang to Dark Energy' by The University of Tokyo, 'The Global Business of Sports' by The Wharton School, University of Pennsylvania.
- **Community Work-** Annual bird protection and treatment awareness with Saviours for 5+ years, Beating Heart Disease with Beta Chi Theta, 'GOONJ' for unprivileged children, Women Empowerment through Albeli, Street Plays at Jaipur Literature Festival to spread awareness about social justice, LGBT laws and bonded labor in India.

https://github.com/himanshujoshi11/   https://www.linkedin.in/in/himanshujoshi11/