Sphurti Agrawal

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Linkedin | Github | HackerRank

Summary

An enthusiastic graduate student looking to join the workforce to gain real-world experience. Ability to complete tasks on time in both individual and team settings. Dependable and reliable, ready to learn and grow with your company.

Experience

Baljiwan Medicines Pvt. Ltd. | Aligarh, Uttar Pradesh
Software Engineer Intern | 05/2024 – 07/24
Focused on restructuring billing software and inventory modules. Led the integration of CredFlow and Busy software systems, enhancing financial management and workflow automation. Worked to automate data migration and synchronization processes, improving efficiency by 50%.

Brillanz Software Solutions LLP
Software Engineer Intern | 05/2024 – 07/24
Developed and implemented features for an AI-powered proctoring system using tools like Python, OpenCV, JavaScript, Tensorflow, and others, strengthening security and efficiency by integrating machine learning algorithms and real-time monitoring capabilities.

Bharat Intern
Web Development Internship | 10/2023 - 11/2023
Actively contributed to the field of web development, gaining hands-on experience and enhancing my skills in HTML and CSS. Primarily focused on creating impactful projects, including the development of a personal portfolio website and a visually appealing Netflix clone page.

Palo Alto Networks
AICTE- EduSkills Cyber Security Virtual Internship | 09/2023 - 11/2023
Gained the knowledge over foundational knowledge of industry-recognized cybersecurity and network security concepts as well as various technical advancements across all Palo Alto Networks technologies.

Skills

C/C++, Python, HTML, CSS, MySQL, Microsoft Office, Canva

Projects

- InvisiDraw- Working on an innovative AI-powered air canvas that allows users to create digital art through hand gestures and movements in the air. Used libraries like NumPy, Mediapipe , OpenCV, tkinkter .
- To-Do List application In C - simple command-line To-Do List application written in C. The application allows users to manage their tasks by adding new tasks, viewing existing tasks, deleting tasks, and marking tasks as complete. The tasks are stored in a text file so that they persist between sessions.
- Portfolio Website - Engineered a personalized portfolio website using HTML and CSS, showcasing accomplishments and experience. Integrated a downloadable PDF resume, contact information, and project details. Published the project on GitHub for public access.
- Netflix Clone Page - Recreated the Netflix homepage using HTML and CSS from scratch. This project was more than coding; it was about replicating a real-world user experience and understanding the art of design and layout.
- Automated Summary Creation: Transforming Meeting Notes with NLP Techniques - Developed and implemented an advanced NLP system in the AI/ML field utilizing audio-to-text conversion techniques and robust NLP algorithms to extract key discussion points from uploaded videos, streamlining information retrieval and analysis processes.

Certificates

NPTEL: IIT Madras (Python for Data Science) - Aug 2023

NPTEL: IIT Madras (Introduction to Probability and Statistics) - Feb 2024

Research Paper

Authored research paper on "Navigating the Skies: A Comprehensive Analysis of Airport Automation and Its Impact on Passenger Experience". Published in: 2024 International Conference on Intelligent Systems for Cybersecurity (ISCS)
DOI:10.1109/ISCS61804.2024.10581214
Publisher: IEEE

Education

Amity University | Noida, Uttar Pradesh
Bachelor of Technology (Computer Science and Engineering)
2021 - Present | CGPA - 9.14

Aligarh Muslim University | Aligarh, Uttar Pradesh
Class 12th
2020 - 2021 | Percentage - 91.25%

St. Fidelis Sr. Sec. School | Aligarh, Uttar Pradesh
Class 10th
2018 - 2019 | Percentage - 96%

Study Abroad

Singapore - Nov 2023 - Dec 2023
Been part of Amity University's Study Abroad Program in Singapore. Engaging with global perspectives, learning, and a diverse student community, this experience is shaping me into a globally aware individual.

Languages

English, Hindi, Urdu, German

Special Events

- **Singapore Rotary Club - Nov 2023**
  Got the opportunity to attend the event of the Rotary Club Of Singapore. Surrounded by passionate individuals, discussions on community service and global cooperation were impactful.

- **Workshop at National University of Singapore - Nov 2023**
  Attended a workshop on the latest technologies like speech and voice recognition, pattern recognition, and the importance of AI at NUS.

- **ICETTEM-2023 - Nov 2023**
  Attended the International Conference in Singapore on Emerging Technology Trends in Engineering and Management (ICETTEM-2023). It provided valuable insights on many important topics like AI, Sustainability, and many more.

Position of Responsibility

- **President**
  Srijan Hindi Literary Club – Amity University, Uttar Pradesh, Noida