Rudra Shah

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LINKS

Personal Website, Github , Linkedin

EDUCATION

Aug 2022 — Aug 2026

Bachelor of Science: Computer Science, Arizona State University — Tempe

- CGPA 3.89/4.0
- Dean's List Awardee (Fall 2022, Spring 2023, Fall 2023, Spring 2024)

Jan 2023 — Jan 2026

Minor in Data Science, Arizona State University — Tempe

- CGPA 4.12/4.0
- Relevant Coursework : Machine Learning, SQL, Python, R, Statistical Modeling and Inference for Data Science

EMPLOYMENT HISTORY

Oct 2023 — Present

Student Admissions Relations Team, Arizona State University — Tempe

- Spearheaded and orchestrated engaging tours for Arizona State University, expertly guiding groups of over 20 prospective students and their families through academic facilities and campus life, resulting in a remarkable 35% increase in prospective student conversion rates and heightened visitor satisfaction.
- Delivered personalized guidance to high school students during information sessions, adeptly addressing their concerns, providing in-depth answers to their questions, and offering strategic insights into the extensive academic and extracurricular opportunities available at our institution.

May 2024 — Aug 2024

Software Developer Intern , Aditya Birla Group — Mumbai

- Led a team of software engineers to successfully develop a major software project on time and within budget.
- Engineered an advanced software prototype leveraging Python, Java, and TensorFlow, compellingly illustrating the feasibility and substantial benefits of a state-of-the-art solution for predictive analytics in Automated Data Processing for Enhanced Decision-Making and Machine Learning for Customer Behavior Analysis

LEADERSHIP EXPERIENCE

Jun 2024 — Present

Founder & CEO, PayRu Fintech — Mumbai

Developed an innovative software platform designed to enhance emergency medical help times by automatically connecting designated contacts within 60 seconds of an incident to the first responder. The solution integrates seamlessly with commonly used products such as vehicles and bag tags, ensuring that in times of distress, first responders and emergency contacts can connect with emergency contacts instantly and without revealing any private contact information. The system is protected by a patent and has secured key partnerships, including with NPCI, and is in discussions with the Indian government to mandate its use in vehicles. This life-saving technology is set to scale globally, starting with a nationwide rollout in India.

Aug 2023 — Present

Research Aide, Arizona State University — Tempe

Conducting advanced analysis of extensive Hubble Telescope datasets to accurately identify potential galaxies, employing sophisticated algorithms and custom scripts to optimize and automate the galaxy identification process. As a key contributor, I define precise data ranges indicative of celestial bodies, leveraging analytical expertise to establish rigorous criteria and parameters while overseeing the automation aspects. This research significantly enhances the robustness of our framework, streamlining the workflow for data analysis and advancing our project's overall objectives.

Aug 2022 — Apr 2023

Team Lead, Engineers Without Borders — Tempe

In a leadership capacity, I directed a multidisciplinary team in engineering a sustainable solution for plastic waste management through the design and development of an advanced plastic shredder and complementary processing machinery, including an extruder, injection molding system, and sheet press. Spearheaded community engagement initiatives to empower local residents. This innovative approach not only enhanced local economic resilience but also significantly mitigated environmental impact, demonstrating a commitment to sustainability and responsible resource management.