

Shrid Pant

shridpant.github.io | LinkedIn | Google Scholar | GitHub

EXPERIENCE

Rochester Institute of Technology

Jan 2025–present

Graduate Assistant

Rochester, NY

- Graduate research assistant in the Adaptive Human-Robot Teaming (AHRT) Lab, advised by Prof. Jamison Heard (Fall 2026).
- Teaching assistant for Introduction to Artificial Intelligence and grading assistant for Ethics of Artificial Intelligence (Fall 2025); teaching assistant for Network Services (Spring 2025).

Sophic Compute

Jan–Aug 2026

Software Developer Intern

Cambridge, MA

Built the ML runtime for a platform that scales compute-intensive scientific simulations across clusters. The runtime brings research models into production to make workload scheduling and resource allocation decisions.

Slide

Jun–Aug 2025

Software Engineer Intern

Norwalk, CT

Engineered and productionized Push File Restore for recovery of files from replicated snapshot backups to host machines. Built CLI tooling, agent-box communication, and React Admin components for restore orchestration and control.

Microsoft

Jul 2021–Jun 2024

Software Engineer

Hyderabad, India

Engineered key features for Azure's flagship BCDR product (Recovery Services Vault), which protected 4M+ Infrastructure-as-a-Service (IaaS) Virtual Machines (VM) and other critical workloads from outages, ransomware, and disaster events.

Microsoft

May–Jul 2020

Software Engineer Intern

Shipped improvements to Azure's Linux backup extension, enabling native, application-consistent backups of Oracle databases on Azure Virtual Machines.

Nabil Bank

Jun–Aug 2019

Intern

Kathmandu, Nepal

Digital Banking and Alternate Channels.

EDUCATION

MS, Artificial Intelligence

Rochester, NY

Rochester Institute of Technology

BE, Information Technology

New Delhi, India

University of Delhi

2023 Advancing Security in the Industrial Internet of Things Using Deep Progressive Neural Networks

Mehul Sharma, **Shrid Pant**, Priety Yadav, Deepak Kumar Sharma, Nitin Gupta, Gautam Srivastava
Mobile Networks and Applications; 28, 782–794
doi.org/10.1007/s11036-023-02104-y

2021 Enforcing Intelligent Learning-Based Security in the Internet of Everything

Shrid Pant, Mehul Sharma, Deepak Kumar Sharma, Deepak Gupta, Joel J. P. C. Rodrigues
IEEE Internet of Things Journal; 10(4), 3071–3078
doi.org/10.1109/JIOT.2021.3097951

2020 Enabling Security for the Industrial Internet of Things Using Deep Learning, Blockchain, and Coalitions

Mehul Sharma, **Shrid Pant**, Deepak Kumar Sharma, Koyel Datta Gupta, Vidushi Vashishth, Anshuman Chhabra
Transactions on Emerging Telecommunications Technologies; 32(7), e4137
doi.org/10.1002/ett.4137

2020 A Community Interaction-Based Routing Protocol for Opportunistic Networks

Deepak Kumar Sharma, **Shrid Pant**, Rinky Dwivedi
ICICC 2020 proceedings; 2, 667–679. Springer
doi.org/10.1007/978-981-15-5148-2_59

2020 Machine Learning-Based Internet-of-Things Security Schemes

Deepak Kumar Sharma, **Shrid Pant**, Mehul Sharma
IoT Security Paradigms and Applications; 109–134. CRC Press
doi.org/10.1201/9781003054115-6

2020 Cryptocurrency Mechanisms for Blockchains: Models, Characteristics, Challenges, and Applications

Deepak Kumar Sharma, **Shrid Pant**, Mehul Sharma, Shikha Brahmachari
Handbook of Research on Blockchain Technology; 323–348. Academic Press
doi.org/10.1016/B978-0-12-819816-2.00013-7

2019 Ant Router: An Efficient Routing Protocol for Social Opportunistic Networks Using Ant Routing

Deepak Kumar Sharma, Swati Singh, Vishakha Gautam, Shubham Kumaram, Mehul Sharma, **Shrid Pant**
IET Networks; 9(2), 83–93
doi.org/10.1049/iet-net.2019.0077