

SONY SHRESTHA

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SUMMARY

As a dedicated Electronics, Communication and Information Engineer, I'm passionate about using technology to tackle real-world challenges. I'm skilled in programming and troubleshooting complex systems, and I thrive in team environments. I'm eager to bring my academic knowledge, practical skills, and strong work ethic to exciting projects and dynamic workplaces.

SKILLS

Technical Skills

- Programming Languages: Python, HTML/CSS, C, C++
- Tools and Platforms: Excel, Jupyter Notebook, Arduino IDE, Cisco Packet Tracer
- Databases: MySQL
- Hardware skills: Robotics and IoT
- Cloud technologies: AWS
- Technical Writing

Soft Skills:

- Problem Solving
- Creativity
- Communication
- Teamwork and Leadership
- Strong organizational and time-management skills

PROJECTS

- Agricultural Robot using Image Processing
- Dual Axis Solar Tracking System with Light Automation

EDUCATION

Bachelor in Electronics, Communication and Information Engineering

National College of Engineering (2019-2024)
Percentage- 73.20%

High School

St. Lawrence College (2017-2019)

SEE

Nepalese Advance Secondary Boarding School

WORK EXPERIENCE

Robotics Instructor

Robotech Nepal (December 2024- present)

I design and deliver hands-on robotics lessons, guiding students in building and programming robots using various platforms and also mentor them in competitions and workshops.

AI Image Annotator

Invisible Technologies (June 2024- September 2024)

I worked as an AI Image Annotator, labeling and reviewing images to train AI models, ensuring precision, quality compliance, and adherence to project guidelines

STEAM Instructor

Dursikshya Education Network (Feb 2024- April 2024)

I worked as a STEAM instructor, teaching secondary-level students about STEAM concepts and demonstrating hardware projects to enhance their practical understanding.

RESEARCH PAPER

Agriculture Robot Using Image Processing

The International Journal of Educational Practices and Engineering(ISSN 3028-9882)

Link: <https://lnkd.in/drQpMQzE>

CERTIFICATIONS

- Electronics, Communication and Information Engineer
- GSM wireless service internship
- IoT, Robotics & Coding
- AWS Fellowship: Cohort 1
- Data Analytics Essentials

Nepal Engineering Council (NEC)

Nepal Telecom

Khudkila Nepal Private Limited

AWS Cloud Club Nepal

Cisco Networking Academy

REFERENCE

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