

SIDDARTHA GUPTA

STUDENT ENGINEER

Lamachaur, Pokhara, Nepal

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About me

Technical Skills C/C++, Python, Firmware, Linux, PCB design, IOT, Microcontroller, Web Development

Art Technology Adobe Photoshop, Adobe After Effects, Figma

Interests Robotics, Embedded Systems, Low level programming

Work Experience

Yarsa Tech

Talchowk, Pokhara

INTERNSHIP

- Gained hands-on experience in embedded systems and firmware development.
- Learned and implemented IoT and RTOS in industry-standard projects.
- Worked on professional embedded practices and marketplace applications.
- Developed and tested firmware for various devices, including a mini Audio QR device.
- Set up and configured camera testing devices for embedded applications.

Robotics Club WRC

WRC, Pokhara

EXECUTIVE MEMBER

- Implemented automation system to the arena used for the competition.
- Learned to properly deliver knowledge by teaching junior about robotics.
- Worked on projects like Micormouse, Quadraped Bot, Computer Vision.
- Managed and Admin of the Club's website.

Recognition

INTERNATIONAL

2020 **Participant**, Japan Super Science Fair (Research Project: Adaptation of Agriculture with Climate Change)

Japan, Kyoto

DOMESTIC

2022 **Runner up**, Battle for Speed

WRC, Pokhara

2023 **Winner**, Battle for Speed

WRC, Pokhara

2023 **Participant**, LOCUS (Presented Robotics Arm for project demonstration)

Pulchowk, Lalitpur

2023 **Participant**, Mechtrix (Presented Gesture Controlled bot for project demonstration)

Pulchowk, Lalitpur

2024 **Winner**, LOCUS (ROBO-line Dash)

Pulchowk, Lalitpur

2024 **Winner**, PCB-Prodigy

WRC, Pokhara

Education

Tribhuvan University, IOE, Pashchimanchal Campus

Lamachaur, Pokhara

BACHELOR OF ENGINEERING IN ELECTRONICS, COMMUNICATION AND INFORMATION

Mar. 2022 - present

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New Capital College

Ratnanagar, Chitwan

SCIENCE (COMPUTER AND MATHEMATICS AS MAJOR)

2019-2021

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