Kalyan Kumar Shrestha

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Address: Mahalaxmi-10, Lalitpur

Objective

To utilize my engineering skills in electronics, communication, and information technologies to contribute to innovative projects in robotics, machine learning, and embedded systems.

Education

Degree	Institution	Year
Bachelor of Engineering in Electronics, Communication, and Information Engineering	IOE, Thapathali Campus	Final Year

Average Marks: 75%

Experience

- **Electronics Project Lead, RAC (Robotics and Automation Center), Thapathali Campus**
  2021 - Present
  Led a team of engineers to work on robotics projects, including organizing and participating in competitions and demonstrations.

- **Project Engineer, National Innovation Center (E-Cycle Project)**
  2022
  Worked on developing and designing a two-wheeler electric vehicle, contributing to circuit design and system integration.

- **Part-time Electronics Tutor**
  2021 - 2023
  Delivered electronics tutoring sessions at LOCUS (Pulchowk Campus),Municipality Schools, RAC (Thapathali Campus), and Arniko Intl College, focusing on hands-on projects and programming.

- **Event Organizer and Robotics Competitor**
  2023 - Present
  - Organized events such as Roborace (RAC), Robowar, and Robosoccer (YATHARTHA 2024).
  - Participated in various robotics competitions at NEC College, LOCUS, and ORBIT EXPO.

- **Machine Learning Projects**
  2023 - Present
  Worked on machine learning projects integrating vision systems, real-time object detection, and data analysis.

Achievements

- **1st Runner-up, Micromouse Competition (2023)**, IIT Bombay, India.

- Participated in **National Young Scientists Conference (NYSC 2022)** in Janakpur.

Skills

- **Programming Languages:** C, C++, Python

- **Computer Vision:** Object detection, real-time image processing

- **Microcontroller Boards:** Jeston Nano, Raspberry pi, Arduino, NodeMCU, STM32

- **Electronics:** Proficient in analog and digital electronics with PCB designing

- **Leadership:** Strong team leadership and project management skills

References

- **Mr. Saroj Thapa**
  Electronics Coordinator, Arniko Intl College
  Phone: +9779849194337

- **Mr. Avishek Panta**
  Organizing Committee of LOCUS 2024
  Phone: +9779860291982

Declaration

I hereby declare that all the information mentioned above is true and correct to the best of my knowledge.