Abiral Bhattarai

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Summary

A fourth-year computer engineering student with a strong passion for Artificial Intelligence and Data Science. I am a quick thinker, and I am very quick to learn and adapt to new things. I am also dedicated to building things that have a positive impact on society.

Education

Advanced College of Engineering and Management   **2020-2025**

Bachelor's in computer engineering (7th Semester)

Kathmandu Model College   **2018-2020**

+2 Science, 3.59 GPA

Experience

Project Association for Computer and Electronics (PACE)   2023-Present

Member

Locus Hardware Fellowship   **2023**

Volunteer as Hardware Tutor

Skills

Programming Languages: Python | JavaScript | C | C++ | SQL

Frameworks: Pandas | NumPy | Pytorch | Bootstrap

Projects

- **Malicious URL Detection Using LSTM Model**

Built a Chrome Extension that detected Malicious URLs using a LSTM Model and blocked access to those URLs.

GitHub: https://github.com/AbiralBhattarai/Malicious-URL-detection-Using-LSTM

- **Micromouse Maze Solving Robot (IIT Bombay Techfest Competition)**

Built a maze solving robot that tracked the path travelled by the robot and found the shortest path to the destination.

GitHub: https://github.com/AbiralBhattarai/Micromouse

- **Number Classifier using Neural Network**

Built a number classifier that classifies numbers 0-9 taking images as input.

GitHub: https://github.com/AbiralBhattarai/NeuralNetworkCode

- **File Compression using Huffman Algorithm**

Built a file compressor that uses Huffman algorithm to compress and decompress files.

GitHub: https://github.com/AbiralBhattarai/Huffmanfilecompressing

- **Pong game**

Built a pong game using pygame module.

GitHub: https://github.com/AbiralBhattarai/Pong-Game-using-pygame

- **Crypto Price Tracker**

Built a cryptocurrency price tracker using python and bitcoinaverage API.

GitHub: https://github.com/AbiralBhattarai/bitcoin-tracker

Certifications

- **Locus micromouse first runner up 2023**
- **Locus Log-point CTF second runner up 2023**
- **IIT Bombay Techfest Micromouse Regional Winner 2023**
- **Hex Himalayan CTF winner 2023**

    https://github.com/AbiralBhattarai/Hex_Himalaya_2023_Winners_Write_up

Languages

English - Proficient | **Hindi** – Proficient | **Nepali** – Native