

Dipesh Dhungana

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EDUCATION

Advanced College of Engineering and Management

Kalanki, Kathmandu

Bachelors in computer engineering

Expected Graduation, May 2025

- **Concentrations:** Intelligence and Modeling/Simulations
- **Current Education Level :** 7th Semester (4th Year)
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Academic Work

Advanced College of Engineering and Management

Jan 2021 - Present

- Demonstrated proficiency in C programming through successful completion of academic projects, showcasing ability to manipulate data and solve computational challenges.
- Acquired solid foundation in object-oriented programming principles through coursework in C++, with practical experience in algorithm optimization and data structure implementation.
- Developed strong database management skills by mastering MySQL, enabling efficient querying and organization of extensive datasets.

Minor Project on PLAY-E

Advanced College of Engineering and Management

Research Assistant

Dec 2023 – March 2024

- Utilized Python and its library to develop the prediction system for PLAY-E
- Developed the front-end design for the web page of PLAY-E

PROJECTS

PUBG PC KD Prediction System

Advanced College of Engineering and Management

Team Lead

Dec 2023 – March 2024

- Trained mathematical models to predict KD (Kill to Death Ratio) of PUBG PC users/players using Linear Regression Time Series algorithms (Random Forest Regressor)
- Obtained a prediction accuracy of 95.02%

ACTIVITIES AND LEADERSHIP

Minor Project on PLAY-E

Advanced College of Engineering and Management

Research Assistant

Dec 2023 – March 2024

SKILLS

Programming (Basics) : Python, HTML/CSS, SQL, MATLAB, C++, C Programming

Tools (Basics) : Jupyter Notebooks, Git, Cloud Computing