

Er. AYUSH BATALA

Computer Engineer

📍 Hasanpur, Dhangadi

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ABOUT ME

A highly motivated Computer Engineer graduate from Thapathali Campus, Kathmandu with a strong passion for coding, machine learning and software development. I can contribute my technical skills and problem-solving abilities to contribute effectively in a dynamic work environment.

PROJECTS

Explore my projects on GitHub: github.com/batala-ayush

■ Plagiarism Detection in Nepali Thesis

- Web application using Django framework to detect plagiarism done in Nepali thesis
- POS tagging for each word in Sentences
- Generates comprehensive plagiarism report

■ Computer Chess Using C++

- Includes all the rules of Chess
- Allow players to play from two different computers or same computer
- Utilizes SFML library for GUI

■ Parking Management System Using Python

- Allow students and staffs in university to manage the parking
- Utilizes tkinter for GUI
- Calculates the parking cost and generates parking ticket

■ Connect Four Using Python

- Allows players to play against each other in same computer
- Utilizes tkinter and pygame packages

■ Big-O Investment

- Stock Analysis and Forecasting using Machine Learning
- Uses Django Framework along with MySQL
- Makes use of Additive Regression Model
- Consists of comparator and screeners

WORK EXPERIENCE

■ Computer Engineer Mid 2024 - Present

CTEVT Province Office, Dhangadi

- Support administrative and technical operations
- Provide support in resolving software-related issues and conduct training sessions for office staff on basic computer operations
- Support the coordination and smooth running of skill tests and training programs
- System Maintenance, Hardware and Network Troubleshooting and Technical Support
- Data entry, Preparation of reports, official letters and documents

EDUCATION

National School of Sciences (NIST)

Science
2017 - 2019
CGPA - 3.59

Thapathali Campus, Institute of Engineering (IOE)

Bachelor in Computer Engineering
2019 - 2024
Percentage - 74.7%

SKILLS

- Python
- Django
- Machine Learning and AI
- Natural Language Processing
- MySQL
- C/C++
- Basic Hardware and Networking
- MS Office

CERTIFICATIONS & LICENSES

- Python for Everybody (Getting Started with Python)
- Python Data Structure
- Neural Networks and Deep Learning
- Technical Support Fundamentals
- Locus 2020 Hardware Fellowship Workshop
- NEC Certification
- Licensed Assessor for Computer Hardware and Network Technician (CHNT) under the National Skill Testing Board (NSTB)

PARTICIPATION & AWARD

- Participated in HACK-A-WEEK LOCUS 2021 in "Innovation using AI and Data science" Category
- Received an award for one of the best final year projects in 2nd Thapathali Graduate Conference
- Completed Assessor Training for CHNT conducted by NSTB