

ATIT ACHARYA

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OBJECTIVE

I am a Computer Engineer with 2+ years of experience in Data Analysis, Machine Learning, and Web development with Python and Django. I am actively seeking an internship opportunity for summer 2023 in the data science field.

EDUCATION

Master of Computer Science

The University of Texas at Tyler; Expected GPA: 3.8

Aug 2022-present

Bachelor of Science in Computer Engineering

Cosmos College of Management and Technology; GPA: 3.85; Dean's List Achiever

Sep 2015 - Sep 2019

RELEVANT COURSEWORK

Calculus, Linear Algebra and Matrix Theory, Theory of Probability, Statistics, Engineering Economics, Object-Oriented Programming, Data Structures and Algorithms, Microprocessors, Operating Systems, Database Management Systems, Computer Graphics, Computer Networks, Artificial Intelligence, Data Mining, Machine Learning, Data Visualization, Data Analysis with Python, Programming Languages, Computer Organization and Architecture

SKILLS

Proficient

Python, Java, Git, PHP, HTML/CSS, JS, Data Mining, Machine Learning

Familiar

C, C++, R, Ruby, ASP.NET, PostgreSQL, Oracle, Heroku, MERN

Frameworks and Libraries

Numpy, Pandas, Keras, matplotlib, Scikit-Learn, SciPy, Django, Laravel, Jupyter

EXPERIENCE

Graduate Teaching and Research Assistant

The University of Texas at Tyler

Aug 2022 - present

Tyler, TX

- Completed Data Mining and Machine Learning related research works with Dr. Arun Kulkarni
- Assisted professors in teaching sessions and grading assignments on Computer Architecture and Organization and Data Science related courses such as Data Mining, Machine Learning, Data Visualization, AI, etc.

IT Support and Document Manager

Shivanya Medicare Nepal

Dec 2020 - May 2022

Kathmandu, Nepal

- Designed and built responsive websites for the organization
- Managed and trained the employee about documentation management in the organization's system

Junior Web Developer

Theme Nepal

Oct 2018 - Nov 2020

Lalitpur, Nepal

- Used Django and Laravel to build both internal and external websites for the company
- Implemented React with Django to build an E-commerce website with recommendation systems
- Collaborated with the team using GitHub, GitLab, Slack, Jira, etc. in order to build real-time projects

PROJECTS

E-commerce: Designed and built an online shopping website using Python and Django with lots of features such as payment gateway, google maps, shopping carts, authentication system, etc. ([E-commerce](#))

Machine Learning and Data Mining: Completed projects that contain the applications of pre-processing, clustering, association rule analysis, PCA, K-means, SVM, kNN algorithms, Ridge, Naive-Bayes Classification, Data Manifold Learning, Deep Learning, Decision Trees, logistic regression, etc. ([ML Project](#)) ([Data Mining Project](#))