

Arun Subedi

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EDUCATION

Institute of Engineering, Tribhuvan University

Bachelor in Computer Engineering

Thapathali, KTM

Dec. 2019 – Present

Nepal Mega College

+2 Science

BabarMahal, KTM

Jul. 2017 – May 2019

PROJECTS

AI based News Anchor | *Python, Jupyter Notebook, Tensorflow*

Jul. 2023 – Present

- Ongoing Project with goal of creating artificial News anchor
- Utilization of Generative Adversarial Networks at different level
- Implementation of FastSpeech 2 paper for audio generation

Web Development | *PHP, HTML5/CSS3*

May. 2023 – Sept. 2023

- Enabled users to create, update, read and delete various information
- Integrated MySQL database with the project

Player Recommendation System | *Python, Pandas, Scikit-learn, Numpy*

Jan. 2023 – Apr.2023

- Developed a system which recommends players with similar in-game stats with different weight given to different stats for Football
- Integrated to web using Django and MySQL database
- Used various techniques for dimensionality reduction and feature pruning to clean dataset scraped from internet

Password Manager | *C++, SMFL library*

Jul. 2021 – Aug. 2021

- Designed a password manager using ceaser-cypher techniques
- Enabled multiple users to save login information to different sites

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, Tailwind CSS

Developer Tools: Git, VS Code, Visual Studio, PyCharm, React Dev Tools, Blender

Libraries: Scipy, OpenCV, Pandas, NumPy, Matplotlib, React

Interests: Video Editing, Football, Hiking, Travelling