

# Anuj Rayamajhi

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## EDUCATION

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**Institute of Engineering, Tribhuvan University**

*Bachelor in Computer Engineering*

Thapathali, KTM

*Dec. 2019 – Present*

**Kathmandu Modal College: KMSS**

*+2 Science*

Bagbazaar, KTM

*Jul. 2017 – May 2019*

## PROJECTS

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**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

**Data Mining** | *Python, Numpy, Matplotlib, Scikit-learn*

May. 2023 – Sept. 2023

- Collection of multiple projects aimed to implement Data Mining Techniques
- Dimensionality Reduction, ANNs, Classification Techniques, Clustering Techniques, Frequent Pattern and Association Rules Analysis
- Created Various papers in IEEE format for each project done.
- [Read the papers here...](#)

**Grammar Error Correction** | *Python, Pandas, Transformer Architecture*

Jan. 2023 – Apr.2023

- Developed a Grammar Error Correction model based on T5 Model
- Utilized various Encoder-Decoder model to compare with T5 base model
- Self-Attention Technique in Transformer based model yielded better result

**StockHub** | *C++, QT Creator, MySQL*

Jul. 2021 – Aug. 2021

- Created a stock trading software using C++ as base language
- It had login method and intra-user stock transaction and validation
- Utilization of MySQL database to store information
- Project that involved implementation of OOP Concepts

## TECHNICAL SKILLS

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

**Frameworks:** ASP.NET ,React

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

**Libraries:** TensorFlow, Keras, Scipy, Librosa, OpenCV, Py-Torch ,Pandas, NumPy, Matplotlib, React