PRACHURYA NATH

Tezpur, Assam, India 784001

📞 6377-54-8088 ✉ prachurya_ug@ee.nits.ac.in in prachuryanath ⌂ prachuryanath

Education

National Institute of Technology Silchar	**Jul. 2019 – Present**
Bachelor of Technology in Electrical Engineering, GPA 8.40	*Silchar, Assam, India*

Relevant Coursework and Certifications

- Intro to Programming
- Programming and Data Structure
- Machine Learning by Andrew Ng.
- Deeplearning.ai Tensorflow Developer
- Serverside Deployment with NodeJS, Express and MongoDB

Projects

Stanford dogs Model | *Python, Tensorflow, Streamlit*
- Used EfficientnetB3 to develop a deep learning model to classify 120 breeds of dogs with training accuracy 99.2% and validation accuracy 87.3%

Code Generation using GPT2 | *Python, Pytorch, Transformers*
- Extracted Leetcode C++ data from Github repositories using Github Api
- Trained GPT2Tokenizer and GPT2LMHeadModel for Code generation and completion

Experience

Exposys Data Labs	**May 2021 – July 2021**
Data Science Intern	*Remote Internship*

- Use of unsupervised learning i.e. K-Means clustering for the purpose of market segmentation and visualize distributions

IIT Guwahati	**July 2021 – Sept 2021**
Research Intern	*Remote Internship*

- Extracted Youtube comments and titles from Json files and processed for language seperation of Assamese and English
- Carried on semantic analysis of latinized assamese texts after manual labelling with various ML/DL models like xgboost, Bi-LSTM and Muril (BERT model)

Technical Skills

Languages/ Tools: Python, HTML/CSS, Flask, JavaScript, Bootstrap, MongoDB, Tableau, NodeJS
Python Libraries: Pandas, Numpy, Matplotlib, Seaborn, Tensorflow, Keras, Scikit-learn, OpenCV

Accomplishments

- Selected for the 5th Summer School of AI with focus on Computer Vision and ML by CVIT, IIIT Hyderabad
- Offered a scholarship in Machine Learning Foundations course by AWS and Udacity
- 1st Runners Up in Sumo Wars (Arduino) in Tecnoesis2020, NIT Silchar.
- Top 100 out of more than 700 participants in SUMMER ANALYTICS: Data Science bootcamp conducted by Consulting and Analytics Club, IITG

Responsibilities

ELECTRA SOCIETY	**ELECTRICAL DEPARTMENT**
Executive Member	*Sept 20 – May 21*
OBIETTIVO	**PHOTOGRAPHY CLUB NIT SILCHAR**
Content Head	*June 21 – Present*