



Arihant Barjatya

Roll No.:180102012

B.Tech - Electronics and Communication Engineering

Indian Institute Of Technology, Guwahati

+91-6900400740

arihantbadjatya@gmail.com

barjatya@iitg.ac.in

github.com/arihunter

linkedin.com/in/arihant-barjatya

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.11 (Current)	2018-Present
Senior Secondary	CBSE Board	88.8%	2017
Secondary	CBSE Board	10.0	2015

EXPERIENCE

- **Tantra Byte Pvt Ltd** Jun 2020 - Jul 2020
ML Developer Intern
 - Developed a chat-bot from scratch to help people clarify their queries about COVID 19
 - Worked on a feature to answer queries in context to an input image
 - Experimented with an RNN based encoder-decoder generative model and a classification based extractive model, extractive model outperformed the former due to scarcity of data

PROJECTS

- **"Inshorts" News Generator** Aug 2020
– Built an abstractive text Summarizer for a given News article
– Used a seq2seq architecture with attention for building the model bit.ly/3fIGcfy
- **IITG Hangouts** Feb. 2020 - March. 2020
Consulting and Analytics Club bit.ly/3aaUOmL
 - Using matchmaking and NLP algorithms built an application that finds the most suitable partner for a person and recommends a movie to watch together.
 - To find the most similar pair among datapoints experimented on models defined on cosine similarity and recursive clustering, both provided almost the same results
- **Automated Image Captioning** May, 2020
– To describe a given input image in textual format bit.ly/30LevhM
– Used transfer learning to get a low dimensional representation of input image followed by a language generation model to generate output

TECHNICAL SKILLS

- **Programming:** Python, C/C++
- **Artificial Intelligence:** Machine Learning, Deep Learning, Computer Vision, NLP
- **Tools/Technologies:** Tensorflow, Keras, Pytorch*, Scikit , OpenCV
- **Database management:** mySQL*
- **Operating system:** Windows, Linux* * Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Multi Variable Calculus, Real & Complex Analysis, Probability and Random Processes
- **CS:** Computing Lab, Introduction to Computing
- **MOOCS:** Deep Learning Specialization - Andrew NG
- **Electrical and Electronics:** Control Systems, Signal and Systems, Verilog Laboratory

POSITIONS OF RESPONSIBILITY

- **Project Manager**, Lumiere, IIT Guwahati Sept.2019 - Apr.2020
- **Senior Executive**, E-Cell, IIT Guwahati Apr.2019 - Oct.2019

ACHIEVEMENTS

- **Investor's Vista, E-Summit 2020 IIT Roorkee**, Runner-up after being qualified as National Finalist 2020
- **LeetCode**, 3 star rating on Leetcode
- **Spotle AI Hackathon**, Achieved 80% score for my submission under the challenge - Medical Imaging 2020
- **Inter IIT Cultural Meet**, Our team secured 4th position among 16 IIT's in the online film making competition. 2019

EXTRACURRICULAR

- **Participation in KRITI 2018**, Web-Dev and App-Dev Hackathon, Pop-Eye 2018
- **Participation in KRITI 2019**, Automobile Case Study 2019
- **Film-making**, Created several short-films and participated in two national film-making competition