

# Anik Chatterjee

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## PROFESSIONAL SUMMARY

A Computer Science and Engineering student with two internship experience possessing 1.5+ years of hands-on professional knowledge in Data Science and Machine Learning with a 3+ years overall coding experience. Comfortable with working in a team and also leading it. Constantly keeping myself updated here having a vision to see myself working professionally in this field.

## INTERNSHIP EXPERIENCE

hello ML	Machine Learning Content Developer	Feb '21 – May '21 (3 Months)
<ul style="list-style-type: none"><li>Developed a GAN Model to generate fake(synthetic) images</li><li>Explore Some Research Papers and Wrote articles about <b>SimCLR</b>, <b>BYOL</b>, and <b>semi-supervised learning</b></li><li>Explore and wrote articles about <b>Image Classification</b>, <b>Error Analysis</b>, <b>Data Preprocessing</b>, <b>Tokenizing</b>, <b>LSTM</b></li></ul>		
YOUTH INDIA	WEB DEVELOPER	Aug'20 – Sep'20 (1 Month)
<ul style="list-style-type: none"><li><b>E-commerce web development</b> made an E-commerce web app for the NGO</li><li>Being the Group Head of the team gave me the experience to manage people with the situation</li><li>Explored the Python programming framework Django and the whole web to find the best idea for the website</li></ul>		

## ACADEMICS

Qualification	Institute	Board / University	Year	% / CGPA
BTech (CSE)	St. Thomas' College of Engineering and Technology, Kolkata	MAKAUT	2022	8.23/10 (Up to 5 <sup>th</sup> Semester)
XII	RamakrishnaVivekananda Mission,(BKP)	WBCHSE	2018	69% %
X	RamakrishnaVivekananda Mission,(BKP)	WBCHSE	2016	75%

## PROJECTS

Zooskersky	Python
<ul style="list-style-type: none"><li>Scrap the illegal information from the web then mined the data and made a perfect dataset for understanding the pattern</li><li>Plot a Histogram and a Graph by that Dataset we made, so it'll be easy for all to understand the focusing time for each wildlife</li><li>Certified as the Winning Project of ZooHackathon, 2019, intended to alert wildlife activists of these illegal activities</li></ul>	
Sign Language Live Predict	Python
<ul style="list-style-type: none"><li>Developed a Hand-Gesture Recognition Model that converts American Sign Language to English text, per video-frame</li><li>Deployed the strategy using PyTorch which would convert ASL to English, Live, with a test-accuracy of 96.6 percent</li><li>Recognized as one of the top finalists of the India-East Hackathon organized by the Association of Computing Machinery</li></ul>	
YouCure-HealthCare	Python
<ul style="list-style-type: none"><li>Developed a Machine Learning Model (Logistic Regression) where will predict diseases based on your symptoms and will give descriptions so that you get healed fast, used NLTK Package for the model to understand the text</li><li>User will get the probable diseases with the accuracy written, also by the UI we are showing nearby hospitals</li><li>Recognized as one of the top finalists of the Amazon Smbhav Hackathon Organized by Amazon with Skillenza</li></ul>	
German to English Translator	Python
<ul style="list-style-type: none"><li>Developed an 'NLP' Model that can translate the German language to the English language</li><li>We can use this to make communication easier between 2 people who don't understands one of the language</li></ul>	

## ACHIEVEMENTS AND CERTIFICATES

Winner of ZooHackathon 2019, Regional organized by World Wide Fund for Nature	November, 2019
Top Finalist of ACM India-East Hackathon organized by Association of Computing Machinery	February, 2020
Finalist of Amazon Smbhav Hackathon 2021 organized by Amazon & Skillenza	April,2021
Deep Learning Specialization (Andrew NG), by deeplearning.ai and Coursera	February,2021
Machine Learning A-Z : hands-on Python & R in Data Science by Udemy	September,2020
Getting started with TensorFlow 2, by Imperial College London	January, 2021
Customising your models with TensorFlow 2, by Imperial College London	February,2021
SQL for Data Science , by UC DAVIS	May,2021

## TECHNICAL SKILLS

<ul style="list-style-type: none"><li>Data Science Frameworks: Tensorflow, Keras, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn</li><li>Machine Learning: Hands-on implementation of Regression, Classification and Clustering Algorithms</li><li>Deep Learning: DNN, CNN, RNN, LSTM, GRU, NLP, GAN, discriminative and generative models</li><li>Data Management: Mining, Cleaning, Preprocessing, Augmentation, Web-Scraping</li></ul>
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## HOBBIES AND INTERESTS

<ul style="list-style-type: none"><li>Hackathons and Backend Development</li><li>Statistics, Classical Machine Learning Algorithms, Deep Learning Architectures</li><li>Big Data Handling, Cloud Computing, Quantum Computing</li><li>Football, Cricket, Badminton,</li></ul>
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