ANUBHAV SACHAN

ELECTRONICS AND COMMUNICATION ENGINEERING
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UG Second Year
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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR
Bachelor of Technology in Electronics and Communication Engineering   June 2021

PURANCHANDRA VIDYANIKETAN, KANPUR
Intermediate with Computer Sciences, Central Board of Secondary Education   May 2016
Matriculation, Central Board of Secondary Education   May 2014

TECHNICAL EXPERIENCE

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
Winter Internship (Machine Learning)   December 2018 – January 2019
- Implemented one of the challenges of the Twelfth International Conference on Document Analysis and Recognition (ICDAR) in the form of a research based internship project "*Gender Prediction from Handwriting*" under the guidance of Dr. Dushyant Kumar Singh in Department of Computer Science and Engineering.

NATIONAL INSTITUTE OF TECHNOLOGY, SIKKIM   github.com/NITSkmOS
Coding Club Contributor (python3)   October 2018 - Present
- Sole contributor in NIT Silchar and 3rd among all the contributors with 7+ contributions in python3 on various repositories with 25+ stars.

SKILLS AND INTERESTS

MACHINE LEARNING: Currently undergoing the study of Neural Networks and Deep Learning and working on deploying the fully fledged ML Model on a web app using the Flask API.

PROGRAMMING: Gold level in Problem Solving & Python, Silver level in C++, competitive coding percentile 89.26, solved 250+ problems on various coding platforms and keen interest in designing algorithms.

python3, C++, JAVA SE8, C, HTML5, CSS3, php, git, Adobe Photoshop and Adobe Lightroom
Competitive Programming, Algorithms, Machine Learning and bash.

ACHIEVEMENTS

Represented NIT Silchar in the final round (National Level) of *Smart India Hackathon 2019* organized by Ministry of Human Resource Development, Government of India.

Recipient of Google India Challenge Scholarship (Android Basics) and Prime Minister Scholarship Scheme with AIR 729 in 2018.

State Level (Stage I) qualified in National Talent Search Examination (NTSE)

PROJECTS

GENDER PREDICTION FROM HANDWRITING   Winters 2018
Machine Learning (in python using scikit-learn, pandas and numpy)
- The project determines/predicts the gender of the volunteer writer from its handwriting. It is a machine learning project employing the one of the challenges of ICDAR to predict if a handwritten document has been produced by a male or female writer.

NITS OFFICERS' CLUB   November 2018
Website Development
- The project refers to the development of official website for Officers' Club of National Institute of Technology, Silchar. The website is made on the base of WordPress and modified by embedding php scripts in the codebase.

THE BING SCRAPER   July 2018
python3 | Web Scraping | HTML
- python3 package uploaded on PyPi.org for the extraction of content (images and text) on Microsoft's Search Engine, 'https://www.bing.com' using the concept of HTML Parsing.