

# Suchana Das

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[LinkedIn](#) 

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## Skills

- **Domain:** Cryptography, Machine Learning, Deep Learning
- **Technical Competencies:** Python, C++, TensorFlow – Keras, Computer Vision, OpenCV
- **Behavioural Skills:** Team player, Self-Improvement, Conflict Resolution, Leadership.

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## Education

- **Master of Technology in Computer Science**, NIT Meghalaya (2020-2022)
  - **CGPA:** 9.51 (First Year)
- **Bachelor Of Technology in Information Technology**, Haldia Institute of Technology, Maulana Abul Kalam Azad University of Technology (2015-2019)
  - **CGPA:** 8.14
- **Intermediate:** B.D.M. International, CBSE (2014-2015)
  - **Percentage:** 59.4%
- **High School:** B.D. Memorial Institute, CBSE (2012-2013)
  - **CGPA:** 8.8

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## Projects

1. **Privacy Preserving of Medical Images (Ongoing)**
  - *Techniques:* Chaotic Maps, Cryptography [Phase 1]
  - *Technique:* Adversarial Learning (GANs) for Image Encryption [Phase 2]
  - CNN Models and implementation, Performance analysis
2. **Synthetic Data Generations using Generative Adversarial Networks (GANs) (Ongoing)**
  - *Framework:* Tensorflow, Keras
  - *Models:* DCGAN, StyleGAN, SinGAN
  - Image to Image Translation
  - Data Augmentation for Biomedical Image Classification

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## Courses

- **Completed :** IT Security: Defense against the digital dark arts (Google) Coursera (September - 2021)
- **On-Going :** Deep Learning Specialization by DeepLearning.AI [Andrew Ng] Coursera  
Generative Adversarial Networks (GANs) Specialization DeepLearning.AI, Coursera

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## Position of Responsibility

- Member of Synthetic Data Generation team using GANs at CVML, NIT Meghalaya (2020 – Present)
- Department Student Coordinator of the workshops organized by Spoken Tutorial Resource Centre, Haldia Institute of Technology STRC-HIT (2016-17)
- Member of NEEDS – A Non Profitable Organization for Human Welfare (2015- 2017).