

PURVI DAS

IITG, Guwahati, Assam



[purvidas](#)



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[linkedin.com/in/purvi-das](https://www.linkedin.com/in/purvi-das)



github.com/purvidas

Education

Indian Institute of Information Technology, Guwahati

2019-2023

Bachelor of Technology, Electronics and Communication Engineering

India

Central Board of Secondary Education

2007-2019

AISSE and AISSCE

India

Relevant Coursework

- Data Structures
- Algorithms
- Operating Systems
- Computer Architecture
- Linear Algebra
- Differential Equations
- Semiconductors
- Digital Signal Processing
- Digital Communication

Experience

Indian Institute of Information Technology, Guwahati

May 2021 - Present

Undergraduate Researcher

Guwahati, India

- Working in the domain of MIMO communication systems

Indian Institute of Information Technology, Guwahati

April 2021 - Present

Research Intern, Department of Humanities and Social Sciences

Guwahati, India

- Studying the impact of COVID-19 on women in the educational field.

Defence Research and Development Organisation

May 2021 - July 2021

Research Intern

Hyderabad, India

- Studied different RADAR communication wave forms.
- Worked in developing a Deep Neural Network for classification of RADAR waveforms in MATLAB environment.

Positions of Responsibility

Editor | E-Cell IITG

Oct 2019 - Present

- Conducted several talks and workshop promoting the entrepreneurship culture in the institute.
- Curated several articles and worked as an editor for the inaugural edition for yearbook of E-Cell IITG.

Editorial Board | TEDxIITG

Jan 2021 - Apr 2021

- Successfully conducted the first ever TEDx of IITG and served as an editor for the same.

Technical Skills

Programming Languages: Python, MATLAB, Java, C, MIPS32(Assembly Language), HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, MATLAB

Technologies/Frameworks: Linux, GitHub, WordPress

Languages: English, Hindi, Assamese, Sanskrit

Leadership / Extracurricular

Rashtrapati Guide

Batch 2016-17

President of India's Awardee

Bharat Scouts and Guides

Bachelor of Music(BMus) in Kathak

Batch 2016-17

Bhatkhande Music Institute, Lucknow