





TIMOTHY UTSAB BANDYOPADHYAY

Passionate computer science student with experience in full-stack development. Skilled in multiple programming languages and committed to enhance software functionality and user experience.


Resourcefulness and Problem Solving are my strengths.


Contact

 xenon134.github.io

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 76/1B R.B.C. Road
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Education

● Bachelor of Technology: Computer Science Engineering 2023-2027

at RCC Institute of Information
Technology, Kolkata, West Bengal

7.515 CGPA

Active member of the
*Technology and
Developement Club.*

● CISCE Board - Science

89% in CISCE Board
Examinations

July 2021 - August 2023
St. Stephen's School, Kolkata

Core Committee member
of the Computer Club, and
of The Reader's Club.

Soft Skills

- Critical Thinking
- Problem Solving
- Creativity
- Communication
- Resourcefulness

Experience

● Indian Institute of Technology, Bombay

Research Assistant

July 2024

Worked on Computer Vision for the project *Serpentoid robots for
unmanned exploration of Moon and Mars*


Technical Skills


- Python web frameworks:
Django, Flask
- Python web scraping
(Selenium web driver)
- Physical Computing
- Computer Vision
- Linux (Ubuntu, Debian, Kali)
- Electronics and Circuit Design

Languages:

	Python	Proficiency: Advanced
	Java	Advanced
	HTML / JS/ CSS	Intermediate
	PHP	Intermediate
	Bash & Batch	Intermediate
	C/C++	Intermediate
	C#	Beginner


Personal Projects

 Human Emotion Detector using *Tensorflow* and *Keras*

 Video Playback Synchronizer: Watch movies/shows
together with friends online.

 Real-time online Screen Sharing software

 Infinitely extending Tic Tac Toe game using *p5.js*

 Online chat App (Full stack) with python *asyncio* backend

 Remote Desktop Solution

Other Miscellaneous Projects

- Physics Simulator
- Running Processes Explorer
- Coding Assistant for Java
- Image and Video Editing Software

Languages

English

Bengali

Hindi

German