

TALHA MAHAMUD

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AREA OF RESEARCH INTEREST

- Astrophysics and Cosmology
- Quantum Mechanics
- Relativity
- Mathematical Physics
- Particle Physics

EDUCATION

Bachelor of Science in Physics

February 21, 2021 - Present

CGPA : 3.54 out of 4.00 (5 out of 8 semesters completed)

Khulna University, Khulna.

SOFTWARE SKILL

Operating System: Windows, Linux.
Programming: C, Python, MATLAB, LaTeX.
Microsoft Office: MS Word, MS PowerPoint
Web Development: HTML, CSS

See the project on Github

ADDITIONAL COURSES

Learn Differential Equations

January 9, 2024 - March 2, 2024

Instructed by Professor Daniel Gabilondo, Seminole State College, Florida.

Linear Algebra

February 22, 2023 - July 11, 2023

Instructed by Professor Gilbert Strang, Massachusetts Institute of Technology.

Scientific Computing with Python

January 10, 2023 - November 7, 2023

freeCodeCamp

Supervised Machine Learning: Regression and Classification

June 10, 2023 - October 25, 2023

Instructed by Andrew Ng, Coursera.

Advanced Learning Algorithms

May 3, 2024 - July 4, 2024

Instructed by Andrew Ng, Coursera.

WORKSHOPS & SEMINARS

3rd Workshop On Relativity

October 3, 2022

Organised by Community of Physics.

CO-CURRICULAR ACTIVITIES

Fermion Physics Club

2022 - Present

Instructor, Club Administrator.

AWARDS AND ACHIEVEMENT

The 2021 University Physics Competition

November 6, 2022

Acc. Competitor.

NASA space app Challenge

August 22, 2024 - Present

Short listed into one of the 50 excellent projects.

University Merit Scholarship-2024

2023, 2024

Issued by Physics Discipline, Khulna University, Khulna-9208, Bangladesh.

EXPERIENCES

A WORKSHOP ON MATLAB & PYTHON LIBRARIES

September 20, 2024

Organised by Fermion Physics Club, Khulna University, Khulna.

Python for Beginners'

May 14, 2023

Organised by Fermion Physics Club, Khulna University, Khulna.

Content Creator & Educator

Aug 4, 2023 - Present

YouTube Channel: Talha Mahamud.

LANGUAGES

- Bengali (Native)
- English (proficient)
- German (Learning)

REFEREES

Dr. Md. Torikul Islam

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Personal Webpage

Md. Ahasan Habib

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