

PARTHA MALLIK

CONTACT INFORMATION

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PROFESSIONAL PROFILE

Master's student in Physics at the University of Cologne with interests in theoretical and computational physics, research, and technical problem-solving. Building experience in programming, scientific tools, and academic projects, with a strong interest in research-oriented and coding-related opportunities.

EDUCATION

- **M.Sc. in Physics**, University of Cologne, Cologne, Germany — 2023–Present
- **B.Sc. in Physics**, Shahjalal University of Science and Technology, Sylhet, Bangladesh — 2014–2021

RESEARCH INTERESTS

- Condensed Matter Physics
- Computational Physics

THESIS / CURRENT ACADEMIC FOCUS

- Available upon request

RESEARCH EXPERIENCE

- Available upon request

PROJECTS

- Available upon request

TECHNICAL SKILLS

- Linux command line
- Data analysis
- Scientific documentation
- Version control with Git/GitHub

PROGRAMMING SKILLS

- Python
- Julia
- Git/GitHub

- Bash scripting

TOOLS & SOFTWARE

- VS Code
- Jupyter Notebook
- LaTeX
- MATLAB
- Mathematica
- Origin
- Microsoft Office
- Linux

LEADERSHIP & ACTIVITIES

- Available upon request

VOLUNTEER EXPERIENCE

Volunteer, Serve the City Cologne, Cologne, Germany — 2025 – Present

- Participated in community service activities supporting local social initiatives in Cologne
- Assisted in volunteer events and collaborated with team members to help organize and deliver community-focused support
- Contributed to social impact work through active involvement in service-based programs

Volunteer, Efferino, Hürth-Efferen, Germany — 2025 – Present

- Supported volunteer initiatives aimed at community development and social engagement
- Assisted with event organization, coordination, and participation in outreach-related activities
- Worked with fellow volunteers to contribute to meaningful community-oriented projects

WORKSHOPS / CONFERENCES / SEMINARS

- Available upon request

CERTIFICATIONS

- Available upon request

LANGUAGES

- Bengali — Native
- English — Fluent
- German — Beginner

REFERENCES

- Available upon request