

# Sazid Mahmud

 Sazid Mahmud  
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 sazidm@proton.me



## CAREER OBJECTIVE

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Seeking for an opportunity to work with an organization to showcase my technical skills, perseverance, and leadership qualities.

## WORK EXPERIENCE

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### Open Source Contributor

December 2024 - Now

- Developing new features, fixing bugs, improving performance, or refactoring existing code.
- Improving README files, writing installation guides to help new users and developers.
- Reporting bugs, inconsistencies, or usability issues as well as suggesting new features to add.
- Providing support on forums and discord channels.

### Researcher(EEE)

August 2022 - Now

- Reviewing and synthesizing existing literature in a research field.
- Identifying key research gaps and formulate research questions based on findings.
- Analyzing data, communicate through writing reports with visualization.
- Collaborating with other researchers, faculty members, meeting deadlines.

## EDUCATION

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2022 B.Sc. in EEE at **Ahsanullah University of Science and Technology** (GPA: 3.361/4.0)

## PUBLICATIONS

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Moed, MD Shanian et al. (Oct. 2022). "A consumer friendly DSM technique for residential loads supported by two-stage GA-based optimization". In: *2022 Global Energy Conference (GEC)*, pp. 229–234. DOI: [10.1109/GEC55014.2022.9986733](https://doi.org/10.1109/GEC55014.2022.9986733).

## SKILLS

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Languages : Python (NumPy, Pandas, Matplotlib, Seaborn), C/C++, Lua, Bash, VimScript, Verilog, L<sup>A</sup>T<sub>E</sub>X.

IDE/Softwares : Jupyter Notebook, Vim, Arduino, MATLAB, Cadence Virtuoso, Microsoft Office (Word, Excel, PowerPoint, Visio), Google Workspace.

ML Libraries : TensorFlow, Keras, Scikit-learn.

OS : Linux.

Version Control : Git, Github.