

# Abdullah Al Omar Galib

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## SUMMARY

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## WORK AND RESEARCH EXPERIENCE

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### Co-Founder & Vice President

July 2023 - present

#### Quantum High School Organization

- Spreading quantum education globally through online initiatives, including webinars, workshops, and interactive content.
- Successfully managing and moderating a Discord community with 500+ members, fostering a collaborative and engaging environment for quantum enthusiasts.
- Organized and led two highly successful quantum education events. The first event was dedicated to teaching quantum computing to beginners, ranging from high school students to graduate students, and was attended by over 300 participants. The second event focused on cutting-edge quantum computing research. Both events received positive feedback and contributed to the growth of quantum education and research.
- Developed a comprehensive & free educational material on quantum computing for complete beginners, including introductory videos, articles, hands-on exercises, and engaging animations. These resources have been widely accessed and have helped newcomers to grasp the fundamentals of quantum computing.

### Research Intern

July 2023 - August 2023

#### QWorld

- Conducted an extensive and rigorous investigation into various approaches for Quantum State Tomography (QST), encompassing classical and quantum methodologies.
- Implemented and compared different Quantum Machine Learning (QML) approaches for QST, such as supervised and unsupervised learning techniques, to assess their performance and accuracy. Utilized cutting-edge quantum hardware and quantum simulators to conduct QST on multi-qubit networks and complex entangled states.
- Achieved an impressive 98% fidelity in the quantum state reconstruction process, validating the effectiveness and precision of the chosen methodologies.
- The project was recognized for excellence, receiving both the Best Project and Best Presentation awards, highlighting the quality of research and communication skills.

## PROJECTS

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### Some Project

[Link to Demo](#)

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# EDUCATION

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2030 - present	PhD (Subject) at <b>University</b>	(GPA: 4.0/4.0)
2023 - 2027	Bachelor's Degree at <b>College</b>	(GPA: 4.0/4.0)
2022	Class 12th Some Board	(Grades)
2021	Class 10th Some Board	(Grades)

# PUBLICATIONS

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# SKILLS

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Some Skills	This, That, Some of this and that etc.
Some More Skills	Also some more of this, Some more that, And some of this and that etc.