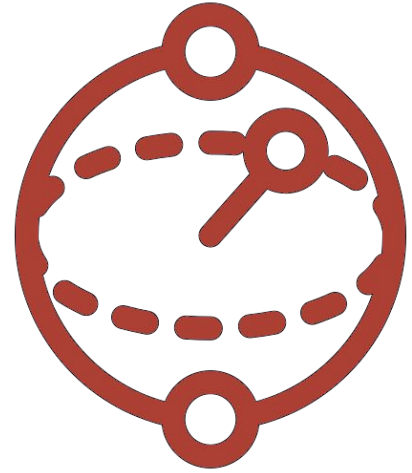# Carnegie Mellon Quantum Computing

By Arul Rhik Mazumder, Ryan Wang,
Alan Joseph, and Rohan Jain

Who we are

Founded to advance student engagement in quantum technologies

Open to students across disciplines: CS, ECE, Physics, etc.

Our Mission: **Learn. Build. Collaborate. Lead.**

Nationally recognized member of the **Quantum Coalition**

Programming & Initiatives

Guest Lecturers and
hands-on workshops

Quantum Bootcamps for
new members
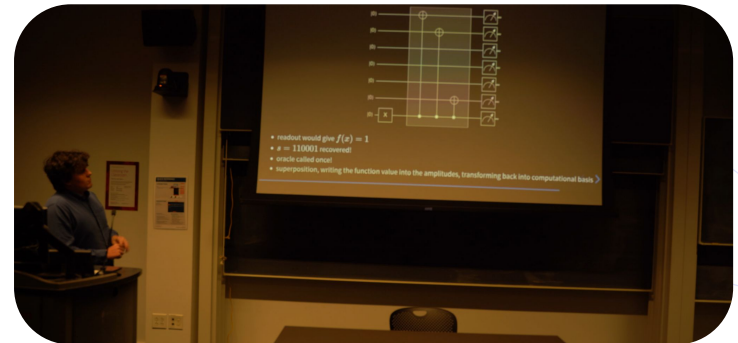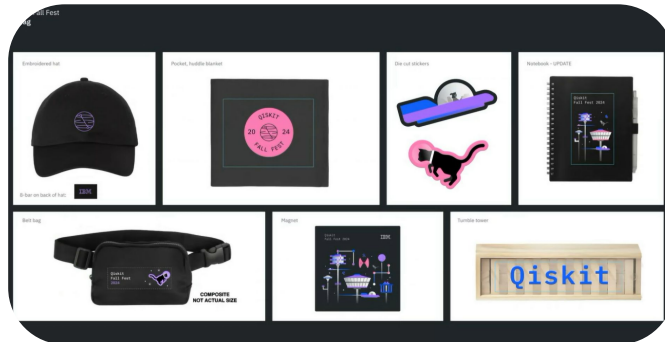
Collaborative **Qiskit + Cirq**
coding sessions

Intro and advanced tracks:
from qubits to **QAOA & VQE**

Industry Engagement

Qiskit Fall Fest - IBM-sponsored quantum festival

- 50+ participating students
- 5 guest lecturers
- 5 week program
- 3 interactive notebooks
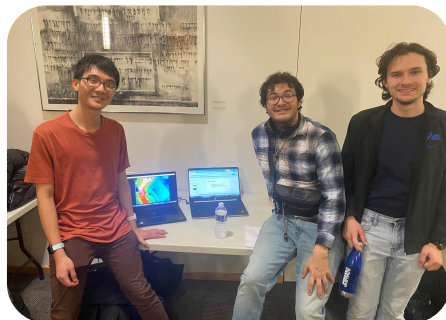- 56 prize items
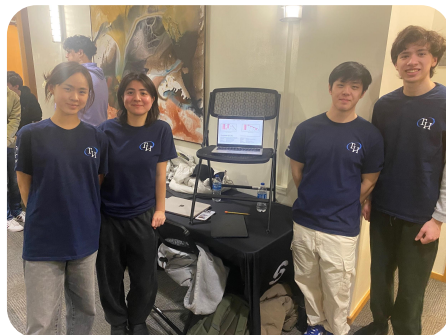
Other and Upcoming Events

Executed and planned events with:

- **IBM Quantum Researchers**

- **NVIDIA** (CUDA-Q Workshop for Beginners)
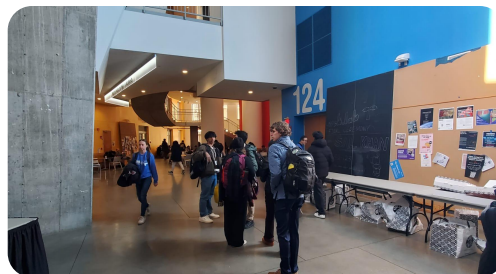
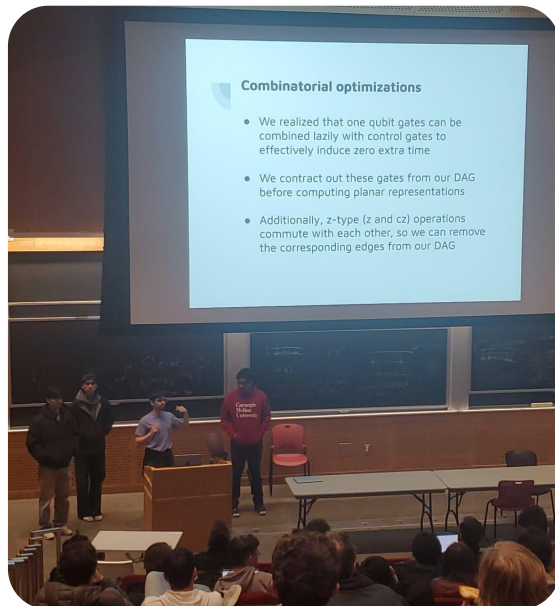- **Classiq, Qbraid** (past and upcoming sessions)

Tartan Hacks

QC@CMU made history by presenting, sponsoring, and judging the **very first quantum track** at CMU and Pittsburgh's **largest and longest-running hackathon**.
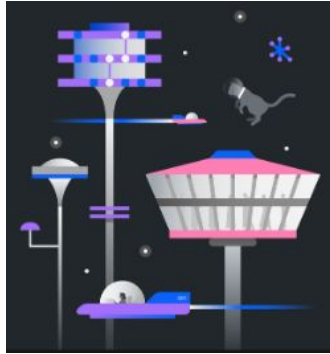
MIT IQuHack

A team of three students from **CMU's Quantum Computing Club** and two members from Cornell participated at **iQuHACK** (Interdisciplinary Quantum HACKathon), **MIT's prestigious annual quantum hackathon**

Looking Ahead

Launching **Quantum Research projects** to pair students with labs & startups

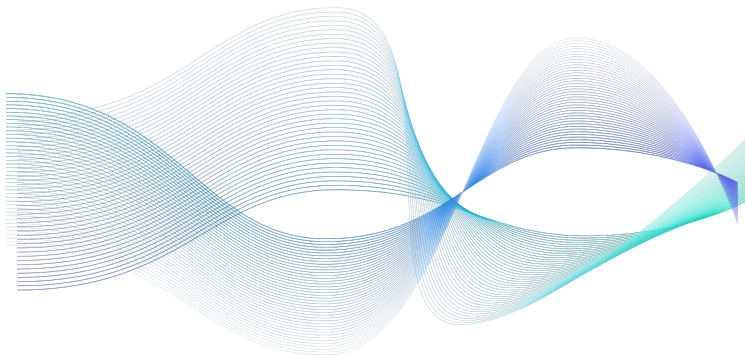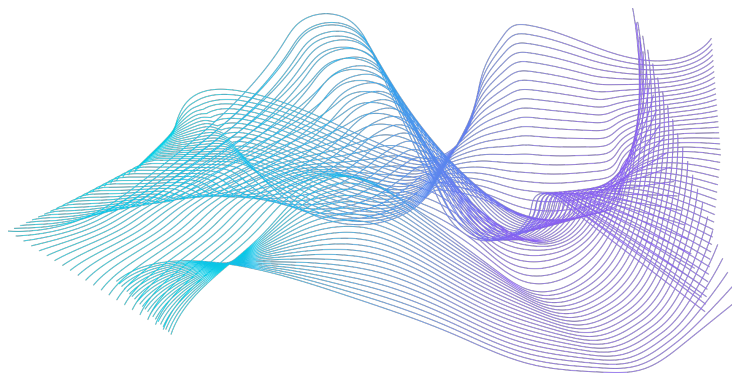Help organize **International Hackathon** with the **Quantum Coalition** (Fall 2025)

Use **contacts** to plan out future **events** and activities for the 2025-2026 year

Why partner with us

- Help us **grow our scale** and **influence** within CMU and as a part of the larger quantum ecosystem

- **Early engagement pipeline** for internships and research role

- Influence our projects and students through talks & sponsorships

- Shape the future of **quantum workforce development**

Stay Connected!

Mailing List

Info Packet