

The future lives in many states at once...



until someone makes one of them real.

Introducing **daeZERO**

CT's first Quantum Computing program for High School Students





Enrolling in January & March 2025 • Tuition-Free for Public School Students

In quantum systems, the “ground state” is where all future possibilities begin. **daeZERO** is where Connecticut’s next generation of tech pioneers begin theirs. Created through funding from **Yale University** and in partnership with **QuantumCT**, this one-of-a-kind program introduces high school students to the ideas, mindsets, and foundational skills of the quantum computing era.

What You’ll Do

- Design and run **quantum circuits** using IBM’s Quantum Platform and **Qiskit**
- Explore **superposition, entanglement, and quantum measurement**
- Build your first **quantum algorithms** like Deutsch-Jozsa and Grover’s Search
- Run real experiments on **IBM’s global quantum computers**
- Discover how quantum concepts already shape **AI, chemistry, finance, and cybersecurity**
- Understand how to apply quantum mindsets to **everyday problems and opportunities**

Program Highlights

-  17 Two cohorts — January & March
-  dae New Haven Campus
-  Free for selected participants
-  Open to high school juniors & seniors

No prior experience required — just curiosity and imagination

Why Join This Program?

This is the **only high school quantum computing program in CT**—and one of only 3 in the country.

By joining daeZERO, students step into the ground state of a new frontier: learning, experimenting, and thinking in ways that will define the next generation of technology.

REGISTER

email community@myDAE.org
or scan the QR code



www.myDAE.org

dae is a nonprofit, multi-location Learning Studio, developing next-generation tech professionals who are deeply grounded in their humanity

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