Adam Godel

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Education

Boston University Boston, MA

Bachelor of Arts in Mathematics & Computer Science *Expected May 2027*

- Current GPA: 4.0

Experience

Researcher December 2025 – Present

BU Complex Analytics & Scalable Processing (CASP) Systems Lab

- Working with three professors and three PhD students to investigate the implementation of a variety of efficient protocols under a multi-party communication setting
- Helping maintain the group's expansive C++ library and devise cutting-edge efficient and provably secure applications of our primitives and access patterns

Quantum Solutions Launchpad Fellow April 2025 – Present

The Washington Institute for STEM, Entrepreneurship and Research

- Participating in a research fellowship working on the "Quantum Benchmarking of Majorana Systems" project in collaboration with the US Naval Nuclear Laboratory
- Part of a team with three other fellows and two NNL mentors aiming to create a publication and open-source library benchmarking the simulation of various tight-binding models

Vice President December 2025 – Present

BU Hack4Impact

- Overseeing BU Hack4Impact's executive board, weekly web development workshops, and the management of four teams of student interns working on web development projects
- Leading general body meetings and technical events focused on software engineering career preparation, as well as facilitating communication between the national Hack4Impact organization

Software Engineer May 2025 – July 2025

CyQuant

- Worked in CyQuant's Paris office on an AI-powered system using Claude Sonnet 4 to align and evaluate cyber insurance questionnaires with international cybersecurity standards such as NIST CSF 2.0 and SP 800-53
- Created the CyQuant website, cyquant.com, with account management and job handling systems using AWS

Projects

Alice & Bob Challenge | *MIT iQuHACK 2025* | 2025-Alice-and-Bob February 2025

- Won second place in MIT's annual quantum computing hackathon as part of a team with four other computer science students from BU
- Put myself in the shoes of an Alice & Bob engineer by solving tasks investigating cat qubits, the qubit model their quantum hardware is built on, aiming to reduce bit flip errors at the cost of only a small increase of phase errors
- Used the Dynamiqs library to generate Wigner plots and graphs of certain variables to model quantum states and benchmark performance

Glued Trees | *Classiq Technologies* | glued-trees March 2024 – August 2024

- Worked with Classiq to create the first quantum implementation of the glued trees algorithm after winning the 2024 Quantum Research & Industry Skills Exchange with my prototype project
- Featured the project in the Classiq library, a GitHub repository with over 2000 stars, and wrote an article for Classiq detailing the project
- Created the gluedtrees.com website using React to explain and display the project, assuming only a linear algebra background

Technical Skills

Quantum Computing Frameworks: Classiq, Qiskit, Bloqade, Pennylane, Dynamiqs, Cirq
Web Development Frameworks: React, NodeJS, Flask, MongoDB, PostgreSQL, AWS
Programming Languages: Python, JavaScript, Java, HTML, CSS, C, C++, Rust, Go
Computer Fluency: GitHub, LaTeX, Adobe Creative Cloud, GIS
Other Languages: Hebrew, French