




Mia Reynolds

Innovative software engineer with five years of experience in quantum computing and quantum algorithm development. Passionate about leveraging qubits and quantum gates to solve complex computational problems.

CONTACT

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 LinkedIn | Portfolio

 Boston, MA

KEY SKILLS

- Quantum computing (Qiskit, Cirq)
- Quantum cryptography and security
- Python, C++, Julia
- Quantum algorithms (Grover's, Shor's)
- High-performance computing (HPC)

PROFESSIONAL EXPERIENCE

August 2021 - Present

Quantum Software Engineer | IBM Quantum | Boston, MA

- Developed quantum ML models, improving data classification accuracy by 30%
- Optimized quantum circuits, reducing error rates in quantum processors by 25%
- Design quantum cryptographic protocols to enhance cybersecurity

June 2019 - July 2021

Software Engineer – Quantum Algorithms | Google Quantum AI | Mountain View, CA

- Built quantum simulation tools, accelerating computations by 40%
- Developed quantum optimization algorithms for logistics and finance applications
- Implemented hybrid quantum-classical algorithms, improving efficiency

EDUCATION

Master of Science (M.S.), Quantum Computing

Massachusetts Institute of Technology (MIT), Cambridge, MA | May 2019

CERTIFICATIONS

- IBM Quantum Developer Certification, IBM, March 2021