

Davis Clarke

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2709 Blaydon Drive, Raleigh, NC, USA

Employment

- Assistant Researcher, Duke Quantum Center. 2024-Current

Education

- Middle Creek High School. 2020-2024

Research & Projects

- Surface Codes with Trapped Ions. 2023 (current)
- Robust 2-Qubit Gates with Trapped Ions 2023 (current)
- Optimizing a VQC using a QN-SPSA with Superconducting Qubits. 2023

Awards and Certifications

- Qiskit Advocate. 2023
- Qiskit Professional Designation. 2023
- IBM Quantum Challenge Spring 2023 Advanced Achievement Award.
2023

Relevant Skills and Coursework

- Quantum Error Correction
- Quantum Information Processing
- Qiskit
- Qutip
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- Quantum Physics
 - Quantum Physics I. MIT 8.04 OCW (Audited)
- Quantum Algorithms
- Optimization

- Python
- Machine Learning