

Austin T. Myers

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Education

Florida State University

Tallahassee, FL

B.S.(in progress), Pure Mathematics. GPA: 3.979

Graduation Date: Spring, 2026

Relevant Coursework: Introduction to Advanced Mathematics (A), Advanced Calculus I (A), Introduction to Abstract Algebra I(A), Advanced Calculus II (A), Introduction to Abstract Algebra II (A), Topics in Number Theory (A), Groups, Rings, and Vector Spaces I (graduate) (A), Topology I (graduate) (A), Commuative Algebra (graduate) (A), Topology II (graduate) (A), Functional Analysis (graduate) (A), Algebraic Geometry (A),

Experience

Quantum Computing at Florida State University

Tallahassee, FL

Researcher

December 2023 – Present

- Working in quantum machine learning, particularly variational quantum algorithms
- Working on representation theory of Lie algebras and harmonic analysis on groups applied to quantum machine learning

Conferences attended

- University of Notre Dame Thematic Program in Discrete Groups and Algebraic Geometry - Summer 2025

Leadership & Activities

Pi Mu Epsilon, Florida Beta Chapter

Tallahassee, FL

Vice President of Communications

Summer 2023 – Spring 2024

- Worked in outreach for the organization
- Managed the social media accounts and also created the website for the organization

Phi Beta Kappa, Alpha of Florida Chapter

Tallahassee, FL

Member

Spring 2024 - Present

Programming Languages (and similar): Proficient in Python, C++, Java, \LaTeX , SAGE, Maple

Papers

- *HAMMR-L: Noise Reduction in Quantum Outcomes Using a Richardson-Lucy Deconvolution Algorithm for Quantum State Graphs* (with J. Scally, R. Carmichael, P. Tran and X. Liu), submitted, (2025)
- *ABS-Q: An Effective Analysis-by-Synthesis Framework for Recovering Signals from Noisy Quantum Outputs* (with P. Tran, J. Scally, R. Carmichael, H. Yi, X. Liu and B. Arigong), submitted (2025)
- *QRFM : Quantum Recursive Feature Machine* (with H. Yi, P. Tran, J. Scally, R. Carmichael, X. Liu and W. Yu), submitted, (2025)