

Taheem Khan

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EDUCATION

Stony Brook University

Bachelor of Science in Applied Math and Statistics,
Double Major in Economics

Stony Brook, New York

Expected May 2027

GPA: 3.62

Relevant Coursework: Applied Linear Algebra, Intermediate Macroeconomic Theory, Intermediate Microeconomic Theory, Industrial Organization, Multivariable Calculus, Public Finance, Survey of Probability and Statistics

PROFESSIONAL EXPERIENCE

Ridgetop Research LLC

Research Analyst Intern

New York, New York

June 2025 - August 2025

- Conduct in-depth industry research to identify and evaluate ~100 qualified experts using LinkedIn Sales Navigator, matching professional backgrounds to specific client research goals across sectors like tech and manufacturing.
- Supported client engagements by managing end-to-end expert outreach, including drafting personalized messages, cold calling, and coordinating scheduling for over 25 expert-client calls that contributed to key investment decisions.
- Authored 25+ detailed expert bios summarizing each individual's career experience, relevance, and expertise, and maintained an organized Excel tracker to monitor outreach progress, lead status, and project milestones.

Stony Brook University - Department of Applied Mathematics and Statistics

Undergraduate Research Assistant

Stony Brook, New York

August 2025 - Present

- Collaborating with Professor Hyun-Kyung Lim on computational fluid dynamics (CFD) research involving multiphase turbulent mixing and fluid interface instabilities across both compressible and incompressible flows.
- Utilizing parallel computing methods to accelerate numerical simulations by up to 40%, improving efficiency in modeling instability problems.
- Working with advanced mathematical models, including forms of the Navier-Stokes equations, to analyze and interpret high-resolution simulation data for sharp interface tracking methods.
- Contributing to the development of numerical algorithms intended for applications in aerodynamics, energy systems, and environmental modeling.

Stony Brook University Campus Residences

Resident Assistant

Stony Brook, New York

August 2025 – Present

- Provide direct support and guidance to a community of 15+ undergraduate residents, promoting an inclusive, respectful, and academically focused living environment.
- Develop, coordinate, and lead 4+ community-based programs each semester focused on diversity, equity, and inclusion (DEI), civic engagement, academic and career success, and holistic wellness.
- Fulfill 12-hour and 24-hour on-call shifts throughout the semester, responding to incidents, emergencies, and resident needs in a residential building housing over 600 students.

SKILLS

Computer: Python, HTML, CSS, Google Workspace, Microsoft Office

Language: Fluent in English and Bangla