Taheem Khan

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EDUCATION

Stony Brook University   **Stony Brook, New York**
Bachelor of Science in Applied Math and Statistics,   *Expected May 2027*
Double Major in Economics   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   **New York, New York**
Research Analyst Intern   *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   **Stony Brook, New York**
Undergraduate Research Assistant   *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   **Stony Brook, New York**
Resident Assistant   *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