

Taheem Khan

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EDUCATION

Stony Brook University

B.S. in Applied Math and Statistics & B.A. in Economics

Stony Brook, New York

Expected Graduation, May 2027

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

EXPERIENCE

Ridgetop Research LLC

Expert Network Intern

New York, New York

June 2025 – August 2025

- Researched and sourced 350+ industry experts across 10 client projects by leveraging LinkedIn Sales Navigator, Boolean search, and targeted outreach strategies to ensure the best fit for client needs.
- Conducted personalized outreach through LinkedIn messages, email campaigns, and cold calls, successfully coordinating and facilitating 52 client–expert conversations that delivered direct insights for strategic decision-making.
- Produced 53 detailed expert bios highlighting each professional’s background, industry expertise, and relevance, enabling clients to quickly evaluate experts prior to calls.
- Maintained and updated expert pipelines in Excel, tracking outreach status, engagement metrics, and project progress with 85% + accuracy, ensuring no missed follow-ups during high-volume research periods.
- Collaborated with teammates and project managers to prioritize experts, align sourcing strategies, and adapt outreach methods across diverse sectors including technology, hardware, and enterprise software.
- Supported client deliverables by summarizing expert insights into concise reports and notes, helping clients apply findings directly to market research, investment, and strategic planning decisions.

Stony Brook University – Department of Applied Mathematics and Statistics

Undergraduate Research Assistant, Stony Brook University

Stony Brook, New York

August 2025 – Present

- Assisting Professor Hyun-Kyung Lim with computational fluid dynamics (CFD) research on 2–3 instability problems involving multiphase turbulent mixing and fluid interfaces across compressible and incompressible flows.
- Applying parallel computing techniques expected to accelerate simulations by up to 40%, improving efficiency in large-scale modeling of fluid instabilities.
- Working with advanced mathematical models, including forms of the Navier–Stokes equations with 10,000+ grid points per simulation, to analyze and interpret high-resolution datasets.
- Preparing findings for research reports and academic presentations, strengthening skills in technical communication and scientific writing.
- Collaborating with a team of graduate researchers to validate results and ensure accuracy across simulation studies.

Stony Brook University - Campus Residences

Resident Assistant

Stony Brook, New York

August 2025 – Present

- Support and mentor a community of 28 undergraduate residents, fostering an inclusive, respectful, and academically focused living environment.
- Plan and lead 4+ programs per semester on Diversity, Equity & Inclusion (DEI), Civic Engagement, Career Readiness, and Wellness, while collaborating with professional staff to design, coordinate, and evaluate programming that strengthens resident engagement and student success.
- Serve in 12-hour and 24-hour on-call shifts, responding to emergencies and resident needs in a residence hall of 600+ students.

PROJECTS

Spotify Behavioral Analysis

Data Analysis & Business Intelligence

New York, New York

July 2025 – August 2025

- Analyzed 174,000+ personal Spotify streaming records exported across 10 JSON files, using Python (Pandas, NumPy, Matplotlib, Seaborn) to clean, structure, and visualize data.
- Identified listening trends and patterns (time of day, top artists, tracks, genres) and delivered findings in a PowerPoint presentation, showcasing data storytelling and business intelligence skills.

SKILLS

Programming/Frameworks: Python, HTML/CSS, R

Tools: Excel, Pandas, NumPy, Seaborn, Matplotlib