

TECHNICAL SKILLS

- Python (NumPy, pandas, scikit-learn, matplotlib, statsmodels), Excel (Advanced), Statistical Analysis, Time Series Analysis, Financial Modeling, Monte Carlo Simulation, Portfolio Optimization, Risk Metrics (VaR, CVaR), Experimental Design, Data-Driven Decision Making, Communicating Technical Concepts, Collaborative Problem-Solving
- Certifications and Licenses: Certificate in Quantitative Finance (CQF)

EDUCATION

FORDHAM UNIVERSITY, GABELLI SCHOOL OF BUSINESS

New York, NY

MS, Quantitative Finance

August 2025 - December 2026

- Relevant Coursework: Machine Learn & Econometrics, Time Series Econometrics, Advanced Python (AI), Deep Learning, Machine Learning for Business, Financial Markets & Modeling
- Honors and Awards: Dean's Scholar
- Fordham Quantitative Finance Society, Fordham Women in Business, Fordham Investments Club, Fordham Capital Markets Club

TRINITY COLLEGE DUBLIN

Dublin, IE

BA (Hons) Psychology, First Class Honours (highest distinction; US GPA Equivalent 3.8-4.0)

September 2021 - May 2025

- Relevant Coursework: Statistics & Methodology I-III, Research Skills & Methodology I-II, Principles of Macroeconomics, Principles of Microeconomics, Physics I-II

EXPERIENCE

Math Tutor

May 2020 - Present

- Tutored 15+ middle school, high school, and college students in algebra, geometry, calculus, and standardized test prep, maintaining long-term tutoring relationships with several students
- Conducted weekly 1:1 sessions tailored to individual learning needs, resulting in stronger problem-solving skills and academic confidence
- Developed custom lesson plans & practice material to reinforce classroom instruction & equip students for exams, leveraging interactive online platforms

TRINITY CENTRE FOR GLOBAL HEALTH

Dublin, IE

Youth Co-Researcher

October 2022 - August 2025

- Conducted data extraction and analysis across 1000+ documents using Excel and NVivo, contributing to peer-reviewed publications
- Coproduced 5+ qualitative research projects focused on adolescent health and youth participation in evidence syntheses
- Delivered presentations of key findings at internal 3+ symposiums & collaborated on best-practice guidelines
- Chaired youth-led discussions to ensure adolescent perspectives were integrated into global health research agendas
- Aligned with an international, cross-disciplinary team of 20+ researchers to translate findings into actionable recommendations

LITTLE IVY ACADEMY

Ridgewood, NJ

Summer Camp Counselor

May 2023 - September 2023

- Supervised and mentored 30+ children ages 6-12 in STEM, arts, and outdoor activities, ensuring a safe and engaging camp environment
- Led daily group projects & team-building exercises, fostering collaboration, problem-solving, & creativity among campers
- Communicated with parents and staff to track camper progress and resolve challenges, supporting growth and positive camp experiences

PUBLICATIONS

Warraitch, A., Wacker, C., Biju, S., Lee, M., Bruce, D., Curran, P., Khraisha, Q., & Hadfield, K. (2024). Positive impacts of adolescent involvement in health research: An umbrella review. *Journal of Adolescent Health*, 75(2), 218-230. <https://doi.org/10.1016/j.jadohealth.2024.02.029>

Warraitch, A., Wacker, C., Bruce, D., Bourke, A., & Hadfield, K. (2024). A rapid review on the involvement of adolescents in health research. *Health Expectations*, 27(3), e14058. <https://doi.org/10.1111/hex.14058>

Warraitch, A., Wacker, C., Buckley, E., Bourke, A., & Hadfield, K. (2024). How to address the barriers to meaningful adolescent involvement in health research: A qualitative study. *Journal of Research on Adolescence*, 34(4), 1626-1641. <https://doi.org/10.1111/jora.13031>