

Selin Mutlu

selin.mutlu@duke.edu | (516)-578-0103 | linkedin.com/in/selin-s-mutlu | https://www.selinmutlu.com/

EDUCATION

Duke University, Durham, NC

Graduating Class: 2029

Intended Area(s) of Study: Mathematics; Psychology; Innovation & Entrepreneurship

Cumulative GPA: 3.925

Organizations: The Cube Entrepreneurship LLC, Duke Impact Investing Group, Global Research Consulting, Best Buddies, Student Advisory Board of Duke HRC @ FHI, Association of Women in Mathematics

Relevant Coursework: Calculus II, Logic, Linear Algebra, Multivariable Calculus, Computer Science, Data Structures

Malverne Senior High School, Malverne, NY

Graduating Class: 2025

Awards: Valedictorian, Coca-Cola Scholars Regional Finalist, University of Rochester Bausch Lomb Honorary Science Award

WORK EXPERIENCE

Bass Connections, Scaling Duke TeachHouse, *Research Team Member*

February 2026 – Present

- Co-designed interview and survey instruments and conducted focus groups with early-career educators using a mixed-methods, participatory research design
- Performed thematic coding and descriptive and inferential statistical analyses to assess teacher wellbeing, belonging, and professional growth across Durham Public Schools

Cognitive Neuroscience Research Intern

January 2026 – Present

- Programmed behavioral experiments in Python (PsychoPy) and Qualtrics to study how social norms and identity shape neural processes
- Collected and analyzed EEG data using BioSemi systems, supporting graduate researchers with preprocessing, ERP, and time-frequency analyses

Nassau County Peer Diversion Court, *Senior Advocate*

April 2024 – Present

- Analyzed complex youth cases to identify root causes and evaluate intervention trade-offs
- Supported restorative justice outcomes by balancing rehabilitation needs with accountability

Judy Griffin Campaign for NY State Assembly, *Field Organizing Intern*

June 2024 – November 2024

- Mobilized 800+ voters through canvassing, phone/text banking, and community engagement.

The Consortia for Learning and Service to Special Populations (CLASSP), *Intern*

September 2023 – July 2025

- Designed and implemented enrichment activities for children with special needs, fostering social and emotional developments
- Partnered with families to promote inclusive engagement and strengthen community support systems.

Camp Kehilla, *Senior Counselor*

June 2023 – August 2024

- Implemented adaptive programming for 20+ campers, increasing engagement and skill development through individualized strategies

Mathematics Tutor

June 2023 – Present

- Provide academic support to children ages 6–10 with special needs, focusing on mathematics skill-building.
- Adapt lesson plans to diverse learning needs, reinforcing concepts through interactive activities.

LEADERSHIP & PROJECTS

Community Autism Awareness Initiative, *Founder/Director*

January 2024 – Present

- Launched community-wide movement engaging schools, municipal leaders, and nonprofits.
- Expanded programming to SibShop luncheons and fundraisers, raising \$3,000+ for special education nonprofits.
- Developed innovative outreach strategies to engage diverse stakeholders, scaling initiative impact across the community.

Malverne Alumni Education Foundation, *Committee Board Member*

May 2024 – Present

- Created and managed digital content to expand alumni engagement.
- Partnered with school district officials to fund and promote educational initiatives.

SKILLS AND INTERESTS

Analytical Tools: Python, Java, R, SQL, MATLAB, Pandas, NumPy, NLTK, Matplotlib, Seaborn, Jupyter Notebook, Git, Excel

Language Skills: English (Native), Turkish (Limited Working Proficiency), Spanish (Elementary)

Interests: Custom keyboard and PC builds, Baking, Tennis, Music, Chess, American Football