

# Jacob Babitsky

Fair Lawn, NJ

551-299-2141 | jbabits2@gmail.com

<https://www.linkedin.com/in/jacob-babitsky>

## EDUCATION

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**New Jersey Institute of Technology (NJIT) | Newark, NJ** 09/2024 - 05/2028

**Major:** B.S. in Mathematical Sciences, Mathematics of Finance and Actuarial Science Concentration

**Minor:** Computer Science

**GPA:** 3.60/4.0

**Awards:** Dean's List Student

### Actuarial Exams:

- Sitting for SOA Exam P (Probability) 05/2026

**Casualty Actuarial Society (CAS) Mentor-led Summer Program** 06/2025 - 08/2025

- Module topics include pricing, reserving, data visualization, predictive modeling, soft skills, and a case competition

**CAS Data & Insurance Series Course: Introduction to Data & Analytics** 10/2025 - 12/2025

- Learning how to identify, access, analyze, and visualize data used in creating models

**CAS Student Central Scholars Program** 10/2025 - Present

- Participating in monthly interactive sessions with practicing actuaries and mentorship programs focused on exam preparation and career development

## SKILLS

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- Data Analytics with Excel
- Software development using Python, Java and MATLAB.
- Web development using HTML and CSS.

## WORK EXPERIENCE

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**Borough of Fair Lawn Recreation Department | Fair Lawn, NJ**

Lifeguard at Memorial pool 06/2024 - 08/2025

- Kept patrons safe and enforced the rules.
- Was responsible for opening, closing and maintenance of the facilities.

**Fair Lawn Board of Education | 14-00 Berdan Ave, Fair Lawn, NJ 07410**

Technology Department Intern 07/2022 - 08/2023

- Disassembled and repaired computers for all Fair Lawn Schools.
- Replaced parts and troubleshooted software for the upcoming school year.

**Advanced Math Academy | Saddle Brook, NJ**

Head Teacher Assistant 09/08/22 - 12/23/22

- Supported classroom activities by helping with lesson preparations, grading assignments, and providing individualized attention to students two times a week.
- Assisted in maintaining a positive learning environment, supervised students during activities, and collaborated with the teacher to address the diverse needs of the students.

## CERTIFICATIONS AND ACTIVITIES

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- NJIT Finance and Actuarial Club 2025 - Present
- NJIT Pi-Landers Club 2025 - Present
- NJIT Highlander Chess Club: Achieved a ranking of 1800 on chess.com(99 percentile) 2024 - Present
- High School Computer League 2023 - 2024
- High School Track & Field Varsity team 2021 - 2024
- CPR, Certified by the American Red Cross Summers of 2020 - 2022