[Software Engineer - Intern](https://www.postjobfree.com/resume/adzgef/software-engineer-woodmere-ny-11598%22%20%5Ct%20%22_blank)

Location:
Woodmere, NY, 11598

Posted:
September 04 2023

Contact Info:
avweitz@gmail.com
516-462-4882

Andrew Weitz
849 Bryant Street, Woodmere, NY 11598
(516) 462-4882 avweitz@gmail.com LinkedIn GitHub

EDUCATION
Yeshiva University, Yeshiva College, New York, NY May 2025
Bachelor of the Arts in Computer Science GPA: 3.864
Dean?s list
Relevant Coursework: Introduction to Computer Science, Data Structures, Math for Computer Science (Discrete Structures and Python
Learning), Calculus I, Linear Algebra
Currently taking: Computer Organization, Intro to Algorithms
Courses that I will be taking Spring 2024: Design & Analysis of Algorithms, Operating Systems

STUDY ABROAD:
Yeshivat Sha?alvim, Nof Ayalon, Israel August 2020 - June 2022

SKILLS
Programming: Java (advance), familiar with Python, git, GitHub, Maven, JUnit, JSON,
Languages: Intermediate Hebrew

PROJECTS
Document Search Engine (Java) Spring 2023
? Developed a search engine using object-oriented programing which allows users to store, search, and delete documents at optimal
speed (using B-Tree and a Trie)
? Programmed to manage memory and maintain limits (using a Heap and B-Tree) by moving documents from RAM to on-disk
storage (using JSON serialization and deserialization)

EXPERIENCE
StringBean Technologies, Summer Intern June 2023
? Designed and Implemented tailored workflows for clients. Translating intricate manual processes into efficient digital solutions,
showcasing expertise in algorithmic thinking and utilization of decision and looping constructs within the String Bean Builder
platform.
? Actively engaged in client calls and GUI meetings, documenting key observations and recommendations, contributing to software
refinement and improved user experience.

Peer Tutor for Intro to C.S. at Yeshiva University, New York, NY August 2023 - Present
? Collaborate with students to enhance their understanding of Computer Science principles.
? Guided students through complex programming challenges, helping them break down problems, analyze errors and formulate
effective solutions.

LEADERSHIP AND ACTIVITIES
Chai Lifeline I-Shine, Cedarhurst, NY October 2019 ? June 2020
Volunteer
? Spend time after school each Monday and Wednesday providing homework assistance and tutoring, while also playing
games, and engaging in sports and other recreational activities with a 5th Grade boy living with illness or loss in their family.

Kulanu, Woodmere, NY October 2019 ? June 2020
Volunteer
? Served as a volunteer every Thursday night for developmentally disabled children and teenagers in a mainstreaming program

National Conference of Synagogue Youth (NCSY), Beit Meir, Israel June 2022 ? August 2022
Volunteer Instructer,
? Provided High School Juniors and Seniors the opportunity to understand, strengthen and intensify their commitment to Israel
and the Jewish people
? Led and organized multiple trips across Israel with over 150 High School Juniors and Seniors
? Created a 40-page booklet on Talmudic Law in the Modern Age, and used it to teach a specialized daily one-hour seminar to
four High School Juniors

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