

Joshua M. Marcus

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EDUCATION

Brown University: Sc.B Applied Mathematics-Biology (GPA: 3.75)	Expected May 2027
• Relevant Coursework: General Chemistry, Organic Chemistry, Biochemistry, Microbiology	
Aish Hatorah Yeshiva, Jerusalem	August 2022 - June 2023
• Coursework in theological and philosophical thought guided by ancient Jewish texts	
Bi-Cultural Hebrew Academy of Connecticut	September 2018 - June 2022
• GPA: 3.95 ACT Score: 35 AP scores: 5 in six subjects	

PROFESSIONAL EXPERIENCE

Fairfield Oral Surgery, Oral Surgery Technician	Fairfield, CT June 2025 - August 2025
• Assisted the surgeon in delivering safe and effective care by sterilizing surgical instruments, preparing and breaking down procedure rooms, and assisting chairside during oral surgery operations	
• Enhanced patient experience by seating patients, collecting and recording medical histories, entering pertinent information into electronic records, and providing clear postoperative instructions to ensure proper recovery	
Hartford Healthcare American Professional Education Services, Student Phlebotomist	Norwich, CT May 2025 - July 2025
• Completed 80 hours of formal phlebotomy training, requiring mastery of hands-on skills including over 30 successful venipunctures utilizing a variety of blood-draw systems and methods	
• Studied all aspects of blood and specimen collection ranging from patient identification to quality assurance	
Miriam Hospital, Emergency Department Volunteer	Providence, RI March 2025 - Present
• Support nurses and doctors in providing comprehensive, compassionate patient care	
Brown University - Plavicki Laboratory, Research Intern	Providence, RI September 2024 - Present
• Explore how genetic mutations and environmental contaminants affect brain health and heart development using zebrafish as a model organism	
• Analyzing data, confocal imaging, and caring for the fish facility are integral responsibilities among other laboratory procedures	
Brown University - Diversity of Life, Teaching Assistant	Providence, RI September 2024 - Present
• Assist in facilitating a deeper understanding of course material by holding office hours and conducting review sessions, provide academic support to students in need, and monitor course communications to ensure a smooth learning experience for all students	
• Evaluate exams by writing and applying consistent grading criteria and constructive feedback	
JGB Management Inc., Investment Analyst Intern	Westport, CT May 2024 - August 2024
• Exclusive internship working with financial analysts conducting research and modeling projections to advise investment strategies for companies and individuals from a wide-range of industries with investments ranging from 10-100 million dollars	
• Provided strategic insights on due diligence of biotech and healthcare investment opportunities	
Yale University - Isaacs Laboratory, Research Intern	New Haven, CT June 2021 - August 2021
• Collaborated with graduate and undergraduate students to recode the E. coli genome to eliminate the redundancy in stop codons	

LEADERSHIP EXPERIENCE

Sefarim Connect, Founder and President	Providence, RI January 2025 - Present
• Established Sefarim Connect, a nationwide, dynamic Jewish learning initiative with 100+ participants, fostering personalized Torah study and Jewish engagement on college campuses nationwide (oujic.org jewishlink.news)	
• Head a seven member board managing the financials, operations, marketing, and participant relations of the program	
Brown University Fishing Club, Founder and President	Providence, RI December 2024 - Present
• Organize fishing trips and workshops, promote sustainability initiatives, and manage a communal bait and tackle center	
Yavneh on Campus, Lead Fellow	Providence, RI September 2023 - Present
• Collaborate with a network of Jewish student leaders across North America to create innovative programming and fundraising ideas	
Floating Torah Tours, Travel Manager and Education Coordinator	Westport, CT 2020, 2022, 2024
• Responsible for arranging itinerary and creating educational materials for week-long sailing and diving excursion blended with Jewish learning throughout various Caribbean Islands	
CAST For Kids Foundation, Saugatuck River Event Coordinator	Westport, CT March 2019 - Present
• Facilitate an annual event for special needs and underprivileged children for an memorable day on the water learning about the joy of catch-and-release fishing	
• Spearhead corporate fundraising efforts for the foundation to provide free fishing gear, jerseys, and trophies for all participants (06880danwoog.com jewishledger.com 06880danwoog.com)	

SKILLS & INTERESTS

Technical Skills: Proficiency in Excel, Python, MATLAB, and C++ | Licensed Small Vessel Boat Captain | NHA Certified Phlebotomist
Language: Native in English and Hebrew
Interests: Scuba Diving, Kayaking, Boating, Fishing, Hiking