

EDUCATION

- University of Maryland College Park**, College Park, MD January 2014-May 2016
Bachelor of Science in Plant Sciences: Plant Biology and Environmental Horticulture
Relevant Coursework: Technology of Fruit and Vegetable Production; Principles of Plant Pathology; Plant Propagation; Greenhouse Crop Production; Elements of Agriculture Economics; Plant Structure and Function; Toxic Contaminants; Financial Applications for the Green Industry; Crops, Soils, and Civilization; Environmental Horticulture; Cultural Management of Nursery Greenhouse Systems; Plant Microbe Associations
- Pace University**, New York, NY 2012-2013
Environmental Science and Policy
- Nativ College Leadership Program**, Israel 2011-2012
- Alexander Muss High School in Israel**, Israel December 2009- January 2010

WORK EXPERIENCE

- Blue Planet Consulting**, New York, Lead Horticulturist July 2016-Present
- Oversee 10,000 sq ft rooftop hydroponic greenhouse, including supervising staff, implementing pest management, managing finances, collaborating with vendors, and conducting trials of plant varieties in order to improve flavor, shelf life, and productivity.
 - Envisioned and implemented new initiative, Blue Planet Labs. Conduct informative trials and reviews of existing and forthcoming urban agricultural practices, methods, and products in order to improve the field of urban agriculture.
 - Consultant for new and growing urban agricultural organizations, encouraging the use of best management practices, as well as assisting with plant profiles, selections, and challenges in order to maximize the success of urban farming endeavors.
- Aerofarms**, Newark, Intern January, 2016
- Researched and analyzed data working to perfect controlled environment systems
 - Created actions plans to improve production and became proficient in hydroponic and aeroponics history, current and trial methods and practices
- Sky Vegetable**, New York, Intern June, August 2015
- Implemented Integrated Pest Management (IPM) practices and worked to improve the hydroponic systems
 - Created actions plans to improve production and trained in greenhouse technology, including Wadsworth Monitoring System
- NYCSunworks**, New York, Intern January, March and May 2015
- Consulted to improve the hydroponic system by increasing efficiency and maintaining optimal conditions; organized and created long term action plans for maintaining the greenhouse
 - Taught plant biology and urban farming practices to groups of students grades 1-8; assisted with marketing and office responsibilities
- Camp Ramah in New England**, Counselor; Unit Head Summer 2010 – Summer 2015
- 2015: Unit head; part of overall leadership team of camp; trained and supervised 13 staff members caring for 60 campers ages 15 and 16; envisioned innovative daily programming; developed a curriculum to cultivate campers as the future leaders of the community.
 - 2010-2014: Counselor; Supervised and cared for campers with and without disabilities; responsible for all aspects of their social, emotional, and physical wellbeing; designed and implemented innovative informal educational programming
- Pirke Darot**, Israel, Staff Member December 2011, April 2012, December 2012
- Planned, programed and implemented activities for students in ninth grade from Boston and Haifa
 - Organized discussions about Middle Eastern conflict as well as cultural differences between Americans and Israelis
- Chava Chaklachit (Educational Farm)**, Karmiel, Israel, Farmer and Teacher February 2012 – June 2012
- Planned, monitored and scheduled farming activities and performed farming activities, including planting, cultivating, irrigating, harvesting, applying herbicide, pesticide and fertilizer
 - Developed interactive programing for elementary students integrating all aspects of the farm

LEADERSHIP EXPERIENCE

- University of Maryland Rooftop Garden**, President March 2014-May 2015
- Created a community rooftop fruit and vegetable garden for students to promotes local food, environmentally-friendly agricultural practices and urban farming
- Green Pace Student Sub Committee**, Vice President 2012-2013
- Founded a student-run community garden and worked to create a more environmentally friendly community at Pace University
 - Strive to set an example for Manhattan
- Activism Seminar** May 2012
- Capacity-building seminar to increase skills in peaceful debate, mobilizing networks of people, and promoting social and political ideas through social media
- Entrepreneurship Seminar: Creative Change, Starting Something New** March 2012
- Participated in interactive presentations and meetings with Israeli entrepreneurs to promote innovation and creativity
 - Examined progressive management approaches and derived practical tools for easy application

SKILLS

- **Proficient in:** Aquaponics, aeroponics, drip irrigation, vegetative propagation, hydroponics, Google documents, iMovie, Microsoft Office, Prezi