

EDUCATION, CERTIFICATIONS, AWARDS

Rutgers Ext. Food Safety ◇ PSA Grower Training Course, Third Party Audit Training, Feb 2018

Smith College ◇ B.S. in Engineering Science, Concentration in Sustainable Food, 2015

Engineer in Training ◇ FE passed May 2015, Focus: Environmental Engineering

Ford Motor Company Prize for Sustainability ◇ Picker Engineering School, Smith College; 2015

Continuing Education ◇ NY Botanical Garden ◇ Farm School NYC

SKILLS

Hydroponics Operation ◇ crop planning, nutrient management, organic pest management, harvest, routine repairs

Food Safety ◇ GAP, FSMA, sanitizing rules in production and packing areas, log maintenance

Data Tracking and Analysis ◇ Inventory Management

WORK EXPERIENCE

Green Top Farms, Astoria

Grow Room Manager, April 2018 – Present

- ◇ Designed, installed, and operated hydroponic systems for microgreens, herbs, flowers
- ◇ Develop Grow Room SOPs and food safety guidelines
- ◇ Maintained training and schedule of other part-time employees in the Grow Room

Green Food Solutions, Bushwick

Assistant Farm Manager, September 2018 – Present ◇ Maintained 80 Tower Gardens and managed volunteers

Pure Spinach (Element Farms, Inc.), Rutgers Ecocomplex Experimental Greenhouse

Grower, October 2017 – July 2018

- ◇ Planned and executed weekly production schedules
- ◇ Tracked inventory, water, and Argus data
- ◇ Generated and implemented GAP protocols
- ◇ Participated in facility design & construction
- ◇ Trained new employees in operations and food safety
- ◇ Sole operations manager (short-term)

NY Botanical Garden, Adult Education Program

Instructor, May 2018 ◇ Taught *Introduction to Hydroponics*, a 5 week class covering terms, system types, and chemistry

Hellgate Farms & Engineers for a Sustainable World Partnership, Astoria

Project Manager, 2017 – 2018 Growing Seasons

- ◇ Designed, installed, operated 50-fish aquaponics system at a permaculture residential farm
- ◇ Trained and organized team of fellow urban agriculture enthusiasts and interns

Cornell University Coop. Ext., Hydroponic/Aquaponic Science & Technology Education Program

Lab Assistant, September 2015 – August 2017

- ◇ Maintained lab systems: propagation, water quality tests, data logging, harvesting, cleaning, minor repairs
- ◇ Trained and supervised high school interns performing hydroponic and aquaponic lab maintenance

Brooklyn College, Aquatic Research and Environmental Assessment Center

Intern, Summers 2014 and 2015 ◇ Maintained greenhouse aquaponic/hydroponic experiment

Battery Park City Parks Conservancy

Assistant Seasonal Horticulturist, Summers 2012 – 2015 ◇ Maintained public gardens using IPM methods