

# DEV (DJ) NEEDELMAN

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## ENVIRONMENTAL EXPERIENCE:

### Manager and Operations Manager | Kylin Arts

| 02.2022 – present

- Manages team of gardeners in installation and maintenance of native plant gardens in the greater Philadelphia region
- Assists in the designing of gardens and creating sustainable systems in company practice in order to prioritize the environment

### Commissioner | Cooperative Gardens Commission

| 04.2020 – present

- Key organizer and member of grassroots organization in Seed Distribution and Food Sovereignty work to donate seeds to 300 seed hubs
- Works with seed companies to arrange donations, facilitates volunteer days, manages Airtable and communicates with seed hubs to distribute seeds to their communities

### Giving Grove Program Manager | Memphis Tilth

| 02.2021 - 05.2021

- Managed non-profit program designing food forests and planting fruit orchards in urban neighborhoods and an urban market garden
- Planted seven orchards and coordinated communication with Site Stewards, project planning, permits, invoicing, environmental considerations and associated grant reporting

### Ecological Monitoring Technician | Montana Natural Heritage Program

| 05.2020 - 09.2020

- Utilized ecological knowledge, plant identification and soil analysis skills to collect ecological data from 100 sites
- Followed high quality data standards for Assessment, Inventory and Management (AIM) data collection for the Bureau of Land Management in Wyoming and Montana

### Permaculture Design Apprentice | Hava and Adam Eco-Educational Farm

| 09.2019 - 03.2020

- Studied and received Permaculture Design Certificate, courses in Herbal Medicine and specialization in sustainable systems
- Eco-living experience included working with maintenance of closed systems, rain catchment and storage systems, polyculture agriculture planting and harvesting, sustainable construction, wood restoration, compost toilets and grey-water systems

### Beaver Technician and GIS Analyst | Beavers Northwest

| 01.2018 - 08.2019

- Worked with landowners and government officials on conflict management, site assessment, vegetation analysis and management, water management, installation and maintenance of non-lethal beaver management devices
- GIS Analyst skills: Managed large spatial data sets, direct acquisition and performed quality control of field data, performed analysis of suitable beaver habitats. Received Outstanding Service Award

## EDUCATION:

### Certificate in Horticulture | 2022-2025 *The Barnes Arboretum at Saint Josephs University*

| Graduating in May 2025

Courses in Taxonomy, Botany, Herbaceous Plants, Woody Plants, Landscape Design, Soil Science, Ecology, Weed Science, Garden History

### B.S. Human Evolutionary Biology, American Sign Language Minor | 2013 – 2017 *University of Washington*

| GPA 3.86

Honors include Honors Anthropology program, Magna Cum Laude, Phi Beta Kappa, High Scholarship Academic Award, Weinker Award for Best Honors Thesis and UW Dean's list every quarter

## SKILLS:

- Advanced GIS and Data analysis
- Proficiency in Google Suite, Microsoft Suite, Airtable, WordPress and Illustrator
- Creating systems for consultations, budgets, plant ordering and installation of gardens
- Grant writing and grant reporting
- Physically capable of hiking 20+ miles per day in any condition and lift over 50 pounds
- Fluent in American Sign Language
- Assessment of plant health for watershed restoration