

# Volodymyr (Vlad) Nevirkovets

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## Education

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**Northwestern University** - Evanston, IL (2020-present)

B.A. Environmental Sciences (expected June 2024)

Cumulative GPA: 3.79/4.00

**Awards and Honors:** Dean's List (Fall 2020, Winter 2021, Winter 2022, Spring 2022)

**Relevant Coursework:** ENVR\_SCI: 201 - earth systems, 202 - introductory ecology, 203 - humans and the environment, 390 - GIS level 1; CHEM 171-172 - general chemistry; EARTH 371 - biogeochemistry, BIOL\_SCI 101-6 - values of biodiversity, 201 - molecular biology, 202 - cellular biology, 337 - biostatistics; MATH 230 - multivariable calculus, 240 - linear algebra, SOCIOL 212 - environment and society, STAT 301-1 R data science, 302 data visualization in R

## Work Experience

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**NU Dept. of Civil and Environmental Engineering – Research Assistant** – Evanston, IL (2022)

- ❖ Calculated dry bulk density of floodplain sediment cores
- ❖ Developed a quantitative, reproducible method for MIR-DRIFT spectroscopy using powdered sediment and KBr
- ❖ Currently writing report of findings

**Chicago Botanic Garden Plant Science Center - Research Assistant** - Glencoe, IL (2021)

- ❖ Investigated effects of urbanization on pollen shortage in urban farms in Chicago
- ❖ Researched effects of floral resources on pollinator visitation to crop plants
- ❖ Worked with youth farmers who assisted in data collection
- ❖ Harvested fruits and quantified seed set in a lab environment
- ❖ Presented [poster](#) at UIC

## Volunteer Experience

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**Forest Preserves of Cook County - Volunteer** - Northbrook, IL (2019-Present)

- ❖ Learning plant identification from trainings and other volunteers
- ❖ Conducting ecological restoration by removing invasive plants using saws and loppers
- ❖ Collecting and dispersing seeds of native plants
- ❖ Assisting with floristic surveying

**iNaturalist - Data Collector** - Chicago, IL Area (2019-Present)

- ❖ Collecting data for the iNaturalist citizen science project
- ❖ Extensive experience in the field identifying organisms, primarily plants
- ❖ Suggesting identifications to other data collectors
- ❖ Currently at over 6000 observations of 2000 species

**eBird - Data Collector** - Chicago, IL Area (2018-present)

- ❖ Observing, counting, and identifying birds seen on birding walks
- ❖ Submitting checklists to citizen science project eBird
- ❖ Submitted over 1000 checklists including 400 photographic observations

**Christmas Bird Count - Data Collector** – Northbrook, IL (2020-present)

- ❖ Participating in Christmas Bird Counts at a forest preserve in Northbrook, IL
- ❖ Identifying and count all birds seen and heard along the designated route
- ❖ Data is compiled nationally to estimate the number of birds and assess conservation status

## Leadership Experience

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### NU GREEN House - Vice President and Land Ethic Chair (2021-Present)

- ❖ Promoting the values of nature appreciation and the Land Ethic (inspired by Aldo Leopold)
- ❖ Planning events to help connect GREEN House members with the local environment
- ❖ Helping the executive board with many other projects such as outreach and creating infographics about sustainable fashion

### NU Wild Roots Club (2021-present)

- ❖ Planned and created a native prairie plant garden in a barren area of the Wild Roots student garden
- ❖ Monitoring plant growth
- ❖ Maintaining diversity in native plant garden through weeding and planting
- ❖ Creating informational materials on native plant identification for Wild Roots
- ❖ Assisting in vegetable garden maintenance (e.g. planting, watering, harvesting, weeding)

### NU Associated Student Government – Sustainability Committee Member (2021-present)

- ❖ Part of Green Campus subcommittee
- ❖ Helping the subcommittee to make built environment of NU more sustainable
- ❖ Spearheading an initiative to reduce bird collisions on campus
- ❖ Planning initiative to increase presence of native plants of campus

### NU Wildlife Club - Birdwatching and Academic Chair (2021)

- ❖ Provided academic information for club members such as publicizing career-related opportunities, compiling lists of ecology-related classes being offered, etc.
- ❖ Planned and led nature education events such as birding trips and tree identification
- ❖ Assisted club executive board with event planning, promotion, and outreach

## Other skills

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- ❖ **Languages:** native speaker of Russian and Ukrainian, conversational Spanish
- ❖ **Fieldwork:** plant identification, pollinator identification, bird identification, dichotomous key use
- ❖ **Driving:** driver's license and over two years of driving experience
- ❖ **Computer:** R (base R, tidyverse, shiny, and other packages), ArcGIS Pro, Python, Excel, PowerPoint, Word
- ❖ **Photography:** landscape, animal, and plant photography, GIMP, Photoshop