Nicole Schiller

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ntschill.github.io

EDUCATION

UNIVERSITY OF MINNESOTA

Twin Cities

Master of Science in Geographic Information Science

Grad. May 2026 | Minneapolis, MN

BS in Biology Minor in GIS

Grad. May 2024 | Minneapolis, MN

COURSEWORK

Spatial Data Science with ArcGIS
Remote Sensing
Geocomputing
Spatial Database Design
Drone Data and Analysis
Ecology

SKILLS

GEOSPATIAL/REMOTE SENSING

ArcGIS Pro • GDAL • QGIS • PostGIS • GeoPandas • Pix4D

CARTOGRAPHY

Blender • Adobe Illustrator

PROGRAMMING

Python • Shell • SQL • Jupyter • ArcPy

OTHER

SCUBA Certified • FAA Part 107 Drone Pilot

AWARDS

North American Cartographic Information Society

2025 Student Map Competition: Best Cartographic Design, for the map "Ross Island with Beaufort Island"

UMN U-Spatial

2026 Mapping Prize: Best Cartography, Graduate Student, for the map "McMurdo Dry Valleys"
2025 Mapping Prize: Best Cartography, Graduate Student, for the map "Ross Island with Beaufort Island"

Western Golf Association

Chick Evans Scholarship: Four year full tuition and housing scholarship for golf caddies

EXPERIENCE

POLAR GEOSPATIAL CENTER

Graduate Research Assistant

June 2024 – Present | Minneapolis, MN

- Developed cartographic products, updated legacy map series, and designed scientific posters for conferences.
- Supported polar researchers by selecting, analyzing, and processing satellite imagery for geospatial data requests.
- Performed quality assurance on DEMs and imagery mosaics, ensuring spatial accuracy and consistency across polar and global datasets.
- Processed and visualized remote sensing data using ArcGIS Pro and QGIS for science and logistic support.

APPLE

Technical Specialist

Feb 2023 – June 2024 | Mall of America - Bloomington, MN

- Diagnosed hardware and software issues and processed repairs for Apple devices.
- Communicated repair solutions and warranty coverage to customers clearly and efficiently.
- Managed multiple customer interactions simultaneously in a fast-paced environment.
- Trained and mentored new Technical Specialists.

Specialist

Aug 2021 – Feb 2023 | Mall of America - Bloomington, MN

- Advised customers on products and services, completing sales and device setup while providing high-quality interactions.

INVERNESS GOLF CLUB

Honor Caddie

May 2016 – September 2023 | Inverness, IL

- Provided clear, real-time communication on course strategy and green reads to players while building interpersonal relations.

CONFERENCES

- AGU Fall Meeting 2025 – Booth Staffer, Polar Geospatial Center
- NACIS Annual Meeting 2025 – Attendee, Award-winner
- AGU Fall Meeting 2024 – Booth Staffer, Polar Geospatial Center
- SACNAS National Diversity in STEM Conference 2024 – Booth Staffer, Polar Geospatial Center