

# Alexandra McGill

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(503) 317-7941



Philadelphia, PA

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Graduate-level teaching assistant with a deep interest in urbanism and equity. I am motivated to implement my geospatial data science skills and community planning education to positively benefit the City of Philadelphia.

## EDUCATION

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### Professional Science Master, Geospatial Data Science

*Temple University, Department of Geography & Urban Studies*

Expected Graduation: December 2023

- 3.34 GPA
- Relevant Coursework: GIS Programming, Geovisualization, Big Geospatial Data, Web Mapping & GIS, GIS Application Development, Applied Machine Learning for Spatial Analysis
- Relevant skills: Python, R, JavaScript, ArcGIS, QGIS, Microsoft Office, G Suite

### Bachelor of Science, Community and Regional Planning

*Iowa State University, College of Design*

Graduated with Honors, magna cum laude, 3.7/4.0 GPA

- Recipient of the William A. Malone Scholarship for academic achievement in Community Planning
- Recipient of the Freshman Tuition Scholarship for academic excellence
- Researched and developed a Senior Honors Thesis on vacant-lot agriculture utilizing public data and ArcGIS

### San Diego City College

*Intermediate Spanish Language 101 and Spanish 102*

## WORK EXPERIENCE

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### Teaching Assistant, Fundamentals of GIS

*Temple University*

**Spring 2023**

*Philadelphia, PA*

- Requires knowledge of the computer representation of geographic information, the construction of GIS databases, spatial analysis with GIS, application areas of GIS, and social and management issues that concern GIS
- Hold office hours on campus and virtually to support students learning the technical aspects of the course

### Teaching Assistant, Sustainable Environments

*Temple University*

**Fall 2022**

*Philadelphia, PA*

- Maintained a sound understanding of the ecological, technological, economic, political, and ethical dimensions of environmental sustainability
- Graded research papers and exams according to the standards of the course
- Facilitated a virtual discussion section amongst the students
- Attended lecture and participated in learning activities and discussions
- Filled in for the professor during lecture if they were absent
- Provided learning materials for the course
- Held weekly office hours to support the students

## INTERESTS

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- Cycling, architecture, sewing, plant-based cooking, science-fiction, traveling, pedestrian advocacy, bird watching, historical preservation