

Tanner Honnef

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(805) 377-7200

[Portfolio](#) | [LinkedIn](#)

Summary of skills: Experience in spatial analysis, data visualization, and land use change modeling

Education

Clark University

Master of Science, GIS, Expected May 2025

Bachelor of Arts, Geography, 2024

- 3.86 GPA. Summa cum laude.
 - Minors in **Data Science** and **Environmental Science**.
 - School for Field Studies, *Wild Patagonia: Fire and Ice*, Puerto Natales, Chile, Fall 2022.
 - Research on aquatic macroinvertebrate biodiversity in Southern Patagonia
 - Relevant Courses: Geospatial Analytics in Python, Web Mapping, Advanced Remote Sensing
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Skills

Geospatial Software: ArcGIS Pro, Story Maps, Survey123, Field Maps, IDRISI TerrSet, QGIS

Languages: Python, R, HTML, CSS, Javascript (novice)

Science Communication: AAG [Talk](#) (2024), NESTVAL [Poster](#) (2023), HERO [Presentation](#) & [Report](#) (2023)

Leadership: Varsity Tennis Captain 2022-2024; Disc Golf Club Co-founder, Co-president, and treasurer

Experience

Research Assistant / Clark University

Peru Port Impact Modeling Research Assistant

Spring 2025

Collected data and modeled the environmental impacts of China's \$1.3 billion investment in the Chancay megaport for the Gordon and Betty Moore Foundation.

Ecuador Mangrove GIS Study Research Assistant

Spring 2024

Analyzed a time series of raw data of mangroves and shrimp farms, distilled correlations between the presence of shrimp farms and mangroves, prepared a report, and orally presented data tables, maps, and conclusions.

GIS & Land Change Models Assistant / Clark University

Course Assistant

Fall 2024

Assisted students with comprehension of concepts presented and graded assignments for 33 students.

Peer Learning Assistant

Fall 2023

Assisted students with comprehension of concepts presented and wrote exam questions.

HERO Program / Clark University

Graduate Student Mentor

Summer 2024

Facilitated and provided advice to 7 undergraduate students assessing the success of tree planting programs in the Holyoke and Chelsea Massachusetts environmental justice communities.

Undergraduate Student Fellow

Summer 2023

Assessed the success of the DCR tree planting program in Northern Worcester after what was the largest tree cutting in US history in 2008. Presented results and report to Massachusetts DCR.

Peter J. Condakes Fellowship / Clark University

Summer 2022

Collaborated on land change modeling research related to REDD projects with consulting agencies and governing organizations to analyze deforestation risk.

Additional Experience

Tennis Instructor / Spanish Hills Country Club

Summers 2022-2024

Driver Helper / United Parcel Service

Winters 2020-2022

Awards

ClarkLabs GIS [Award](#), Paul P. Vouras [Award](#), Russ Granger [Award](#), NESTVAL Student Poster [Award](#)