Matthew Carmosino

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EDUCATION

Vanderbilt University	**Nashville, TN**
Bachelor of Science: *Organizational Development*	May 2023
Minor: *Data Science*	GPA: 3.58
Universidad Carlos iii de Madrid	**Madrid, ES**
Concentration in Business and Data Science	January 2022 - June 2022

SKILLS & COURSEWORK

Skills: *Microsoft Excel + Office, R, GIS, Tableau, Python, SQL, CRM, Written/Oral Communication*

Courses: *Economics, Programming Languages, Statistics, Machine Learning, Data Science, Public Policy*

EXPERIENCE

KP Environmental inc.   **San Diego, CA** *(remote)*
Environmental Planner Intern   April 2023 – October 2023
- Researched and reported on CA bills/legislation that streamline the California Environmental Qualities Act (CEQA) process for solar, offshore wind, and other energy facilities
- Identified and evaluated new regulation allowing California Energy Commission (CEC) review and permitting of community and residential solar projects over local jurisdictions
- Managed and gauged impacts of 20+ projects with CA County GIS Data and energy data modeling

Nashville Predators NHL   **Nashville, TN**
Business Intelligence and Analytics Intern   August 2022 – January 2023
- Performed data analyses on season ticket holders and social media performance with Tableau software
- Developed queries in SQL and SMSS to automate data pulls for marketing, sales and operations
- Utilized Microsoft Dynamics CRM to efficiently assign potential season ticket holders to sales representatives

AgriCapture   **Nashville, TN**
Data Intern   July 2022 – October 2022
- Improved data analysis and visualization of AgriCapture's Soil Enrichment Project which generated Carbon Credits to be sold to buyer network and created over 110,000 acres of regenerative farmland across the U.S.
- Collaborated with cross-functional teams to develop solutions for integrating and analyzing farmer fertilizer, irrigation, soil, and yield data within Excel and SQL databases
- Utilized GIS by mapping coordinates of farmland fields and tracts to shapefiles, improving overall analysis

Spatial Analysis of Oil and Natural Gas Wells   **Nashville, TN**
Final Research Project – GIS/Remote Sensing Class   November 2021
- Performed a spatial analysis of oil and natural gas wells in southwestern U.S. reservations and gained valuable experience creating informative maps with the ArcGIS Pro software
- Juxtaposed southwestern U.S. reservation census and economic data with their respective oil/gas well data
- Presented findings that revealed over 46,000 oil and natural gas wells are on Indian reservations yet more than 80% of reservations live below the national median of household income

LEADERSHIP EXPERIENCE

Vanderbilt Club Lacrosse   **Nashville, TN**
Vice President   May 2022 – May 2023
- Provided logistical support for team practices, tournaments, and games
- Represent team by displaying strong leadership skills and moral character

Vanderbilt Special Olympics   **Nashville, TN**
Unified Partner   September 2019 – May 2023
- Promoted team building and skill development to individuals with intellectual disabilities
- Helped sustain a supportive and inclusive environment on Vanderbilt University's campus

Vanderbilt Lights on the Lawn   **Nashville, TN**
Logistics Committee   March 2021 – November 2021
- Lights on the Lawn is an annual charity concert that raises $100,000 annually for domestic violence survivors
- Marketed concert, updated existing/possible sponsors database on Excel, and managed relations with sponsors
- Created 25+ unique pitches with Microsoft Office Suites