**Marcus Cropley**

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**RELAVENT WORK EXPERIENCE**

**Terracon Consultants July 2023- Present**

*Engineering Technician (Materials Analyst)*

* Conduct comprehensive field investigations, including soil and materials testing, to assess project feasibility and regulatory compliance
* Collaborate closely with engineers and project managers to analyze data, prepare technical reports, and provide valuable insights for decision-making
* Utilize specialized software and tools to process and interpret data, contributing to accurate project documentation and analysis
* Perform laboratory testing of soils and other materials

**Bartlett Tree Experts July 2022- July 2023**

*Arborist (Crew Leader and Climber)*

* Leadership position responsible for directing and training a crew of certified arborists
* Managed and fulfilled client work orders through communicating the process, costs, and safety procedures associated with each job
* Advised and educated clients on arboriculture, tree identification, and sustainable tree care
* Organized and presented weekly safety and training meetings

**Colorado State University September 2021- December 2021**

*Student Researcher (Economics Data Analyst Intern)*

* Worked alongside the economics department of my university on a grant proposal which analyzed the economic vulnerability of inland communities from sea-level rise and flooding
* Position included research, grant writing, and data analysis
* Partitioned the FEMA National Risk Dataset in R creating visualizations and data pipelines
* Created linear and multiple linear regression models in R

**COMMUNITY INVOLVEMENT**

**Lapin’s Workshop May 2023- Present**

*Cofounder, Sustainable Materials Handler, Budget Analyst*

* Founding member and instructor of a community workshop aiming to create equitable access to art classes
* Oversee donations, budget events and classes, and prepare expense reports in excel utilizing V-LOOK up and Pivot Tables
* Manage the collection and use of repurposed materials for lessons
* Outreach to schools, community groups, and New Orleans based artists to collaborate our ideas, events, and resources

**EDUCATION**

**Colorado State University 2018-2022**

B.A. Economics | Minors: Environmental Sustainability and Statistics

**SKILLS & INTERESTS**

* **Software Competencies:** Microsoft Excel, STATA,R (Studio), SQL (MySQL), Tableau, Python, Git Hub
* **Service Work:** Eagle Scout (BSA), Greenlight Volunteer, Volunteer work for various hurricane relief drives