

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