CHARLES KNOBLE
RESEARCH & IMPACT LEAD

CONTACT

📞 (916) 365-1461

✉ cjknoble@gmail.com

🌐 cjknoble.github.io

SUMMARY

Scientist and data strategy leader specializing in large-scale analytics, geospatial science, and impact evaluation. Proven track record of leading cross-functional teams in high-stakes research, building scalable data infrastructure, and translating complex evidence into strategic decisions for government agencies, funders, and mission-driven organizations.

SKILLS

- Scientific Strategy
- Impact Evaluation
- Metrics Design
- Policy Analysis
- Proposal Development
- Public Speaking
- Data Science
- Statistical Modeling
- Geospatial Analytics
- Data Infrastructure
- Python, R, SQL, Git
- Data Visualization

EDUCATION

Ph.D. Environmental Science & Management
Montclair State University
May 2025

Bachelor of Arts, International Relations
California State University, Chico
May 2019

EXPERIENCE

Data Analyst, Research Lead   *April 2025 – Present*
Recidiviz, *Oakland, CA*
- Lead the design and execution of high-stakes, external-facing impact analyses to define evidence standards for decarceration, informing product development and strategic decisions by state government, funders, and researchers

- Own the development and scaling of performance and outcome metrics, identifying "what works" and guiding policy evaluation, investment prioritization, and organizational strategy

- Own the portfolio of state-level program evaluations, including scoping, methodology selection, and execution, to translate complex evidence into action

Senior GIS Analyst   *Aug 2021 – April 2025*
Starcrest LLC, *New York, NY*
- Served as sole lead of geospatial data and analytics, managing end-to-end geographic information systems (GIS) workflows for environmental consulting projects focused on vessel tracking, AFV infrastructure, and air quality inventories

- Built scalable geospatial data pipelines and emissions inventories using Python and SQL

- Authored technical reports and data visualizations that translated complex evidence into clear, policy-relevant insights for regulators, port authorities, and planners

Consultant, Data Science and GIS   *Nov 2020 – April 2025*
Freelance, *New York, NY*
- Led end-to-end data science and geographic information systems (GIS) consulting for 15+ clients across sustainability, urban planning, transportation, and real estate

- Scoped and executed complex analytical requests, designing custom data infrastructure, models, and visual tools that translated stakeholder goals into actionable decisions

- Produced evidence, visualizations, and impact metrics supporting proposals that secured $35M+ in federal funding, influencing policy-aligned investment and program design