Aidan Kingsbury

ajkingsbury02@gmail.com | 651.357.2339
linkedin.com/in/aidan-kingsbury-908593257

EDUCATION

Bachelor's of Science in Mathematics and Environmental Science, *Wheaton College,* IL Anticipated 12/2024

- GPA: 3.75/4.00
- Dean's List every Semester
- Related Course Work: Geospatial Information Systems, Data Science, Mathematical Modeling, Statistics, Environmental Analysis, Hydrogeology, Field Biology, Linear Algebra
- Field Courses: Ecology and Botany, *Wheaton College Science Station*, Rapid City, SD Summer 2022
- Field Courses: Sustainability and Tropical Agriculture *Au Sable Institute,* Costa Rica May 2023

Concordia Academy, *Roseville, MN* Graduated 5/2021

- GPA: 4.32/4.00
- Valedictorian
- Math Departmental Award

EXPERIENCE

Civil Engineering Intern *W.M.A. Ltd.,* Wheaton, IL August 2024 – Present

- Conduct watershed delineation using AutoCAD, processing topographical and geological data.
- Model site-specific hydrographs in Hydrology Studio to characterize stormwater flow and flood risk.
- Assist in the design of stormwater infrastructure such as detention basins and culverts.

Student Research Fellow, *Wheaton College Field Station*, Rapid City, SD Summer 2024

- Completed a summer research project in outdoor near-field air pollution dispersion modeling.
- Developed original software in R studio using ShinyApps to aide in data collection and processing.
- Modeled air pollution dispersion data using a variety of statistical methods in Excel and JMP.

Research Aide, *Argonne National Laboratory,* Lemont, IL April 2023 – May 2024

- Conducted independent industrial research, compiling data in geospatial and tabular formats.
- Analyzed geospatial datasets to support decision-making processes and meet client needs.
- Synthesized research findings and communicated results to interdisciplinary teams.

ADDITIONAL SKILLS

- Experience programming in Java, Python, C, and SQL
- Familiar with ArcGIS pro, Jupyter Notebooks, Excel, JMP Statistical Software, and MySQL.
- Conversational in Spanish