

Aditya Tewari

414-949-9382 | atewari3@wisc.edu | www.linkedin.com/in/atewari3 | <https://github.com/atewari>

EDUCATION AND HONORS

University of Wisconsin-Madison, School of Letters and Sciences

Major: Data Science **Minor:** Computer Science **GPA:** 4.0/4.0

Relevant Coursework: Data Science with Python, Data Science Statistics, R Programming for Data Scientists

TOOLS, LANGUAGES AND TECHNICAL SKILLS

Programming Languages: Python (Numpy, Pandas, Matplotlib, BeautifulSoup), R, HTML, CSS, SQL

Languages: Hindi, Urdu, English

Data Science & Miscellaneous Technologies: A/B testing, Data Science/Data Engineering, Statistics, Time series, pipeline (cleansing, wrangling, visualization, modeling, interpretation), Experimental design, Hypothesis testing, OOP, APIs, Excel, Git, Microsoft Word, Powerpoint, Excel, Google Suite, GCP (Google Cloud)

PROFESSIONAL EXPERIENCE

C.M.A.R.P Labs | Data Scientist

Dec 2022- present | Madison, WI

- Visualized and analyzed mitochondrial ATP assay data using R. Used statistical analysis and tests and machine learning to predict mitochondrial ATP levels.

Eco-KGML group | Data Scientist

May 2023-present | Madison, WI

- Developed R and Python scripts for data cleaning and visualization as well as organized data pipelines to collect and standardize data for several great lakes in the Midwest, helping to generate insights and address reporting requirements.

UW- Madison Center For Limnology | IT Administrator

May 2023-present | Madison, WI

- Utilized MYSQL to manipulate, modify, backup, and restore databases across a variety of servers.
- Assisted with Website maintenance, development, troubleshooting, and general technical support for Macs and PCs.

UW - Madison Department of CS | Peer Mentor

Summer 2023 | Madison, WI

- Provided over 50 students with academic assistance by offering problem-solving strategies, programming techniques, and explanations of data structures.
- Fostered a collaborative learning environment in CS labs through peer-to-peer interactions.

PROJECTS

[Titanic Machine Learning Modeling](#)

- Implemented a machine learning logistic model to predict if an individual survives the Titanic incident.
- Demonstrated how to identify missing data, clean, visualize, create a train/test split, and apply an ML model.

[Moneyball Sports analytics using R](#)

- The data product suggests replacements for Oakland As's key players based on the movie Moneyball. The project involves cleaning, filtering, and visualization.

[Economic Analysis via Pandas and Matplotlib](#)

- Conducted econometric analysis to view unemployment and participation rates during the COVID-19 pandemic in all 50 states using Pandas, Matplotlib, and the FRED economic API.