

EDUCATION

- **University of Wisconsin-Madison** Madison, WI
Bachelor of Science in Computer Science and Data Science; GPA: 3.54 *Aug. 2021 - Dec. 2024*

EXPERIENCE

- **University of Wisconsin-Madison** Madison, WI
Metrics and Data Analyst *Aug 2021 - Present*
 - **Tableau:** Used Tableau to create custom-made visualizations and dashboards for various teams/departments throughout the Information Technology Department. Dashboards included large tables with custom filters and calculated fields. Made specific connections to databases for ease of use when refreshing dashboards.
 - **Microsoft Excel:** Utilized Excel for data cleaning and manipulation. Applied functions to **millions** of rows of data, so that it could be used efficiently in Tableau.
 - **Python:** Used Python to make my life as a data analyst easier. Wrote efficient scripts to manipulate multiple csv files at once, or csv files with large amounts of data.

PROJECTS

- **Wisconsin Football Geo Analysis:** Did some geographic analysis on Wisconsin Football players over the past decade, looking at where they have come from and how that varies. Used web scraping to pull the data, and R/RMarkdown to analyze the data.
- **cube-timer:** A complete Rubik's Cube timer built in Rust, using a terminal user interface (TUI). Users can time their solves, and manipulate them however they want, saving them over different sessions.
- **Assignment Texter:** A series of python scripts that help me throughout the school year. Sends me my upcoming assignments every morning, and grades every week. Automated using a Raspberry Pi running the scripts with a crontab command.
- **Personal Website:** My personal website, built using HTML, CSS, and Bootstrap.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, C, SQL, Java, Rust, R, HTML, CSS, PHP
- **Technologies:** AWS, Node.js, SvelteKit, Express.js
- **Other:** Tableau, Google Suite, Microsoft Excel, RStudio