

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 DoIT** Madison, WI
Metrics and Data Analyst *Aug 2021 - Present*
 - **Tableau:** Used Tableau to create custom-made visualizations and dashboards for various teams/departments throughout DoIT. 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

- **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.
- **All About Harry Potter:** Built a website using SvelteKit that calls various Harry Potter APIs to display information in a grid of card-style elements. Can be used to view information on all Harry Potter characters and spells.
- **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