

Aaron Gosch

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Education

- **University of Wisconsin – Madison** Sep 2019 – Present
Atmospheric and Oceanic Science, B.S.
Relevant Completed Coursework: Computer Science, Atmospheric Dynamics & Radiation
Computer Science Certificate
GPA: 3.71/4.00

Work Experience

- **Waterfront Restoration** *Long Lake, MN*
Job Site Manager May 2021 – August 2022
 - Managed jobs efficiently at each jobsite by delegating tasks to specific people, keeping morale up, and setting an example for the crew to finish jobs at or under budget
 - Facilitated a personalized experience with clients by talking to them before and after the job to understand their expectations and to ensure the highest quality of work
 - Linked the office and operations of the company by attending weekly meetings and providing feedback to improve the efficiency and safety of the business
- **University of Wisconsin – Madison** *Madison, WI*
Teaching Assistant January 2023 – Present
 - Prepared lesson plans as the primary instructor of an introductory atmospheric science laboratory section of around 20 students
 - Aided students in the completion of their work through in-person office hours
 - Remained available to help students with their needs in a timely manner outside of class

Awards

- **Ettenheim Scholarship Fund**
 - Received funding for senior honors thesis
 - Demonstration of how a network of remote in-situ sensors can be used to analyze cold air pooling and its associated frost risk to be applied toward agriculture

Activities

- **American Meteorological Society** September 2022 - Present
Senior Officer
 - Attend biweekly meetings to learn about opportunities within the field as well as what atmospheric science looks like at a professional level
 - Make connections with atmospheric science professionals and peers who share interest in atmospheric science to create valuable professional relationships

Skills

- Knowledge of Computer Languages
 - Experience using object-oriented languages like Java and Python and utilizing a command line setting
- Experience Using Large Computer Models
 - Numerical Weather Prediction using the WRF model
 - Completion of a case study of Hurricane Ida to compare the outputs of a stationary and moving domain