

# Kyllan Wunder

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<https://pages.cs.wisc.edu/~kyllan/kyllan.html>

(View projects and learn about me on my website)

## Education

College of Letters and Sciences, University of Wisconsin, Madison

B.S. Computer Science (Intended 2023 graduation)

College of Letters and Sciences, University of Wisconsin, Milwaukee

B.S. Applied Math and Computer Science (Transferred after one year)

## Data Science Experience

COVID-19 Wastewater Research (*Undergraduate Research*)

- In collaboration with Wisconsin's Department of Health Services and Wisconsin's State Lab of Hygiene: <https://www.dhs.wisconsin.gov/covid-19/wastewater.htm>
- Analyzing how sampling COVID-19 particles in wastewater can be used to understand the future pandemic spread
- Continual results: <https://github.com/AFIDSI/Covid19-Wastewater-Analysis>

## Work Experience

UW Madison Department of Statistics IT

- Working in a small team to provide IT resources for the statistics department

UW Milwaukee IT faculty Helpdesk

- Campus-wide technical support for all faculty

## Research Interests

Data Analysis to predict future events with A.I. or traditional methods

Data visualization, management, maintenance, and ethics

## Technical Skills

Programming: R, Python, C, Java, Bash, HTML, CSS, Javascript, SQL, C++

Design: Game Design, Database Design, Project Management, and Design

Other Skills: Building computers, Linux(Ubuntu, Raspberry Pi OS), high throughput computing, networking, computer systems workflows, SLURM, virtualization

## Honors and Awards

Eagle Scout: Scouting's highest honor, I gathered over 40 volunteers and completed over 250 hours of service to build recess equipment for my elementary school. (For information on this and other projects: <https://pages.cs.wisc.edu/~kyllan/projects.html> )