Kyllan Wunder

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Education

- College of Natural Science, Michigan State University M.S. Data Science (Intended 2025 Graduation)
- College of Letters and Sciences, University of Wisconsin-Madison B.S. Computer Science

Research Experience

COVID-19 Wastewater Research *(UW Madison Undergraduate)*

- 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 *(UW Madison Undergraduate)*

- Working in a small team to provide IT resources for the statistics department
- Learned about IT management systems and supporting end users

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, Ubuntu Server, Raspberry Pi OS, Apache), high throughput computing, networking, computer systems workflows, SLURM, virtualization, NAS deployment and maintenance (Truenas Scale/Core, Open Media Vault)

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. (Article)