

# Kyllan Wunder

Hardworking, detail-oriented, enjoys problem-solving, and troubleshooting.

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## EXPERIENCE

### COVID-19 Wastewater research Department of Data Science UW Madison, Madison WI — Undergraduate Research

May 2022 – Present

Undergraduate research into understanding how COVID-19 particles in wastewater can be used to predict cases and analyze COVID-19 cases. This was done with R code and an R package is under development. We talked with Wisconsin Department of Health Services and the State Lab of Hygiene, and we are currently in talks to create a paper to release our findings.

### IT Help Desk at Statistics Department UW Madison, Madison WI — IT Help Desk

October 2021 – Present

IT help desk in the statistics department. Manage and maintain hundreds of computers in the statistics department. This includes installing and deploying software, installing an OS, managing user accounts, installing new computers and printers, networking, and creating bash scripts to automate tasks, and experience with Zabbix and slurm. Created multiple scripts to auto tasks and make work easier.

### UW Milwaukee, Milwaukee — Campus-wide Desktop Support

October 2019 – March 2020

Responded to client emails and phone calls, fixed damaged computers, and dealt with various software issues. Experience with Windows, Mac OS, Linux troubleshooting.

### Ed Bryant Scout Reservation Summer Camp, Mauston WI — Climbing Area Director

May 2021 – June 2021

*Scout Skills Area Director* May 2020 – August 2020

*Jet Ski Instructor and Director* June 2019 – August 2019

*Dining room Stewart* June 2018 – August 2018

*STEM Director* June 2017 – August 2017

The most important thing I have learned from this experience is how to

## SKILLS

Linux

Python, Java, C++, C#, Bash

R Studios, R

Visual Studio Code, Eclipse

Game Design

Microsoft Office Suite

Google Drive Suite

Troubleshooting

Project Management

Basic Carpentry

Customer Service

## Moderate experience in

High throughput computing

Statistical Analysis

GPT-3

## Certifications

CPR/AED for Professional  
Rescuers Certificate with First  
Aid, American Red Cross  
course: Active until 5/9/23

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manage employees and customers to deliver the best experience. I have regularly overseen directing over 20 employees to complete tasks. Intermittently I was placed in charge of overseeing the entire camp operations. I learned how to lead but more importantly how communicate and work as a team. Over my many years at Ed Bryant Scout Reservation I have done many jobs and duties to make sure the kids and adults that come to our summer camp have the best experience possible.

## **Halstead Remodeling & Construction, Madison WI — Apprentice**

June 2021 - September 2021

I was an apprentice to Ed Halstead, a professional remodeler, and General Contractor. I helped with building decks, remodeling bathrooms, flooring, drywall work, garage remodeling, and more. I learned about many different tools, how to use them, different types of materials, and where to use them.

## **EDUCATION**

### **University of Wisconsin-Madison, Madison — Computer Science -Intended**

August 2020 - Present

A junior with an intended major of Computer Science and plan on attending Graduate School. Worked on many class software projects that included collaboration with other through git.

Relevant completed computer science courses:

- Introduction to Algorithms
- Introduction to Artificial Intelligence
- Elemental Matrix & Linear Algebra
- Calculus 1 & 2
- Statistics for Engineers
- Introduction to Combinatorics

### **University of Wisconsin-Milwaukee, Milwaukee — Applied Math and Computer Science**

September 2019 - May 2020

Joint programs from Letters & Sciences and the College of Engineering & Applied Sciences to achieve an Applied Math and Computer Science degree.

### **Verona Area High School, Verona WI — High School Diploma**

September 2015 - June 2019

I graduated in June 2019 with a GPA of 3.68

## **AWARDS**

**Eagle Scout**, Highest achievement in scouting.

**Control Award**, this robotics award is handed out to the team with the best-written code.

## **Organizations & Extracurriculars**

**Boy Scouts of America**, for 7 Years, I was a part of Verona's Troop 349. I served in many roles in the troop, including Junior Assistant Scoutmaster, Senior Patrol Leader, Assistant Senior Patrol Leader, and many others.

**FTC Robotics**, I was the lead software engineer of our team. We wrote all of robot's code from the ground up and used two android phones to communicate between the robot and the controller. We implemented an automatic mode in which the robot would perform tasks autonomously.

## **References**

### **Brian Yandell**

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Interim Director of American Family Insurance Data Science

Project Lead the way courses:

- Introduction to Engineering Design
- Principles of Engineering
- Engineering Design and Development

Advanced Placement courses:

- Computer Science A
- Statistics
- Calculus AB
- Physics 1
- Physics C
- Language and Composition

## PROJECTS

### Eagle Scout Project — *Lead*

September 2018 - May 2019

Planned, developed, and implemented a service project to give back to my community. I had over 40 volunteer to help; we completed over 250 hours of service. The project was to build two "Ga-ga Ball" pits for Glacier Edge elementary school for youth to enjoy at recess; we successfully completed the two pits. I coordinated the planning and development of the project with my fifth-grade elementary school teacher as a liaison to school administrators and the PTO. I created plans for building the pits, chose and purchased supplies for the project, and came up with strategies to lead the work teams and recruit volunteers. It required over two months of intricate planning.

[News Article](https://www.veronapress.com/news/community/eagle-scout-creates-ga-ga-pits-at-ge/article_13206b0b-7301-52e0-b259-f63adbcb3280.html) (https://www.veronapress.com/news/community/eagle-scout-creates-ga-ga-pits-at-ge/article\_13206b0b-7301-52e0-b259-f63adbcb3280.html)

Institute and boss at UW  
Madison

### Paul Beebe

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Department of statistics IT  
coworker

### Bradley Dougherty

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My supervisor while at UWM  
Campus Tech Support.

### Ed Halstead

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Owner of Halstead  
Remodeling and Construction  
and a mentor.