

TYLER DOLAN

tylerlucasdolan@gmail.com | 608-347-3900

PROFESSIONAL EXPERIENCE

Computer Systems Lab UW-Madison

Madison, WI • Part-Time • *October 2018 - May 2021*

System Administrator & Student Staff Supervisor

- Install and maintain faculty computers and servers for computer sciences department
- Diagnose issues with nightly backups when they fail to complete
- Create and maintain documentation for routine laboratory tasks to ensure consistent product delivery
- Train newly hired students by guiding them through introductory tasks and software
- Communicate with faculty in person and online to accurately assess and resolve their technological problems

McBurney Disability Resource Center

Madison, WI • Part-Time • *September 2018 - June 2019*

Notetaker

- Wrote detailed, organized, and legible notes for students who were unable to attend lectures

Wisconsin IceCube Particle Astrophysics Center (WIPAC)

Madison, WI • Full-Time Internship • *June 2016 - July 2016*

Programmer

- Developed Python scripts to assist in the classification of cosmic ray events recorded by the Distributed Electronic Cosmic-ray Observatory (DECO)
- Presented professional and scientific updates weekly to a team of astrophysicists

VOLUNTEER EXPERIENCE

Glacial Drumlin School Garden

Cottage Grove, WI • *2009 - 2017*

- Planted, watered, and harvested fruits and vegetables for use by the school and to donate to the local food bank
- Constructed garden beds and filled with dirt and mulch

EDUCATION

University of Wisconsin-Madison

B.S. in Computer Sciences

B.S. in Mathematics

Graduated: May 2021

GPA: 3.5 / 4.0

Dean's Honor List (3 semesters)

COURSEWORK

Computer Graphics

Algorithms

Data Structures

Artificial Intelligence

Multi-Variable Calculus

Linear Algebra

Geometry

Linear Optimization

Virtual Reality

Unity / C#

Cryptography

Combinatorics

Dynamical Sys. & Chaos Modeling

TECHNICAL PROFICIENCY

Advanced: Java

Familiar With: C, C#, C++,

JavaScript, Python, HTML, CSS,

Haskell, React