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
 JavaScript
Virtual Reality
 Unity / C#
Programming Languages Theory
 Haskell
Software Engineering
 JavaScript / React
Artificial Intelligence
 Java
Machine Organization
 C / 86x Assembly
Algorithms
Cryptography
Combinatorics
Linear Optimization
Dynamical Sys. & Chaos Modeling

TECHNICAL PROFICIENCY

Advanced: Java
Familiar With: C, C#, C++, JavaScript, Python, Haskell, React