Lucas Winkelman

http://www.linkedin.com/in/lucas-winkelman
https://firecannons.github.io

School Address
210C University Commons
850 University Dr.
Rolla, MO 65401
lawf48@mst.edu

Home Address
12543 Country View Dr.
Tebbetts, MO 65080
(573)-544-1079

Objective To obtain a career in Computer Science

Education

Missouri University of Science and Technology (Missouri S&T) — May 2020
B.S. Computer Science — **GPA: 3.6/4.0**

Courses:

Data Structures	Discrete Math	Algorithms
Numerical Methods	Theory of Computer Science	File Structures and Database Systems

Experience

State of Missouri – Information Technology Services Division — Jefferson City, MO
UInteract Tax Team - Summer Internship — May 2017 – Aug 2018

- Worked on Data Change Requests (DCRs) in the UInteract database
- Changed Java and XML to fix website bugs
- Gained knowledge of the Struts web framework
- Completed training challenges to gain more experience with Java and SQL
- Collaborated with a team to meet agendas

Multi-rotor Robot Design Team — Rolla, MO
Software Division - Simulation Division — Oct 2016 - present

- Made 2-D Javascript simulation of the International Aerial Robotics Competition (IARC)
- Wrote many programs using neuro-evolution to find best algorithm of drone flight in the IARC, including using the NEAT method
- Operated the robotics simulator Gazebo to simulate the IARC in 3D for testing

SIG-Game — Rolla, MO
Game Team — Aug 2016 – Dec 2016

- Wrote an program to test the game to ensure proper operation
- Gained skills with Git by using to Github to store program
- Competed MegaMinerAI every semester since

Missouri S&T – ShamHacks — Rolla, MO
Participant — Feb 2018

- Created a website that allowed users to upload videos and transcribe them to text
- Wrote a HTML and CSS frontend and PHP with database backend
- Worked with a team to integrate the website and transcription program

Computer Skills

MS Office	HTML	CSS	JavaScript	SQL	Git	PHP
Python	Java	C	C++	Code::Blocks	Eclipse	

Honors & Activities

Association of Computing Machinery SIG-Security
Association of Computing Machinery SIG.com
Christian Campus Fellowship