

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)
B.S. Computer Science

May 2020
GPA: 3.6/4.0

Courses:

Data Structures	Discrete Math	Algorithms
Numerical Methods	Theory of Computer Science	File Structures and Database Systems
Intro to Computer Security	Intro to Operating Systems	Programming Languages and Translators
Software Engineering I		

Experience State of Missouri – Information Technology Services Division

Jefferson City, MO
May 2017 - Aug 2018

UInteract Tax Team - Summer Internship

- 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 - Aug 2018

- 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

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

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