**Lucas Winkelman**

http://www.linkedin.com/in/lucas-winkelman

https://firecannons.github.io

School Address Home Address

210C University Commons 12543 Country View Dr.

850 University Dr. Tebbetts, MO 65080

Rolla, MO 65401 (573)-544-1079

lawf48@mst.edu

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

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

**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 - Aug 2018

* Innovated to create 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

**Competitor** 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 MS Office HTML CSS JavaScript SQL Git PHP

Skills Python Java C C++ Code::Blocks Eclipse

Honors & Association of Computing Machinery SIG-Security

Activities Association of Computing Machinery SIG.com

Christian Campus Fellowship