

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 A career leverages my skill in Computer Science

Education Missouri University of Science and Technology (Missouri S&T)
B.S. Computer Science

May 2020
GPA: 3.57/4.0

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
Dec 2017 – Jan 2018

UInteract Team- Winter Internship

- Worked on Data Change Requests (DCRs) in the UInteract system
- Used SQL and changed data on a large database
- Gained real work experience

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
- Will continue using other machine learning techniques to determine best drone flight
- Currently using the robotics simulator Gazebo to simulate the IARC in 3D for testing

SIG-Game

Rolla, MO

Game Team

Aug 2016 – Dec 2016

- Wrote an AI to test the game
- Gained skills with Git
- The following semester teamed up and competed in MegaMinerAI

Computer
Skills

MS Office	HTML, CSS, JavaScript	C and C++	MS Office	SQRL	Eclipse
Python	SQL	Java	Version Control	Code::Blocks	

Honors &
Activities

ACM SIG-Competition
ACM SIG-Security
Christian Campus Fellowship