

Lucas Winkelman

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

Home Address

12543 Country View Dr.
Tebbetts, MO 65080

(573)-544-1079
lawf48@mst.edu

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: 3.7/4.0
	Courses:					
	Data Structures	Discrete Math	Algorithms			
	Numerical Methods	Theory of Computer Science	File Structures and Database Systems			
	Software Engineering I	Intro to Operating Systems	Programming Languages and Translators			
	Java Gui & Visualization	Structure of a Compiler	Senior Design			
	Databases 2	Numerical Modeling 1	Data Mining			
	Real-Time Systems	Intellectual Property for CS				
Experience	Shelter Insurance Companies – Information Services Software Developer II					Columbia, MO (Virtual) May 2020 – March 2021
	<ul style="list-style-type: none">Joined team in supporting applications for the Life (Insurance) DepartmentDeveloped back-end applications to interface with internal applicationsCreated program to help testers automate submitting a Life Policy					
	State of Missouri – Information Technology Services Division UInteract Tax Team - Summer Internship					Jefferson City, MO Summer 2018 & 2019
	<ul style="list-style-type: none">Developed methods to drastically decrease website deploy timeConsolidated email groups to new shared email boxes to save spaceWorked on Data Change Requests (DCRs) in the UInteract databaseChanged Java and XML to fix website bugsCollaborated with team to meet agendas					
	Missouri S&T - Multirotor Robot Design Team Software Division - Simulation Division					Rolla, MO Oct 2016 - Aug 2018
	<ul style="list-style-type: none">Innovated to create 2-D Javascript simulation of the International Aerial Robotics Competition (IARC)Wrote programs using neuro-evolution to find best algorithm of drone flight in the IARC, including using the NEAT methodSimulated drone flight in 3-D using the Gazebo robotics simulator					
Computer Skills	MS Office Python	HTML/CSS Java	React C	MERN Web Stack C++	Django SQL	Git PHP
Previous Honors & Activities	FIRST Robotics Association of Computing Machinery SIG-Game Association of Computing Machinery SIG-Competition Association of Computing Machinery SIG-Security Association of Computing Machinery SIG-Web					