

Lucas Winkelman

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School Address

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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: 3.57/4.0

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
- Utilized SQL and updated data on a large database
- Completed training to gain more experience with Java and SQL
- Collaborated with a team to meet agendas

Multi-rotor Robot Design Team

Rolla, MO
Oct 2016 - present

Software Division – Simulation Division

- 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
Aug 2016 – Dec 2016

Game Team

- 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
Feb 2018

Participant

- 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