**Lucas Winkelman**

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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

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 - 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
* Operated the robotics simulator Gazebo to simulate the IARC in 3D for testing

SIG-Game Rolla, MO

**Game Team** Aug 2016 – Dec 2016

* 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

**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 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