

Lucas Winkelman

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Home Address

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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: 3.63/4.0**

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
Object-Oriented Numerical Modeling 1		

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 programs using neuro-evolution to find best algorithm of drone flight in the IARC, including using the NEAT method
- Simulated drone flight in 3-D using the Gazebo robotics simulator

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 Skills	MS Office Python	HTML Java	CSS C	JavaScript C++	SQL Django	PHP Git
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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
Christian Campus Fellowship