Lucas Winkelman

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Objective To obtain an internship that leverages my skill in Computer Science

Education Missouri University of Science and Technology (Missouri S&T) May 2020
B.S. Computer Science **GPA: 3.4/4.0**

Courses:

Data Structures	Discrete Math	Algorithms
Intro to Numerical Methods	Theory of Computer Science	

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 MegaMiner

Computer Skills

Python	C and C++	MS Office
HTML, CSS, JavaScript	Code::Blocks	

Honors & Activities
ACM SIG-Competition
ACM SIG-Security
Christian Campus Fellowship