

LOGAN M. RICKERT

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EDUCATION

BS Computer Science **May 2018**
Wright State University
Fairborn, Ohio

WORK EXPERIENCE

Undergraduate Research Assistant **2015-Present**
Wright State University

- Developed methods to parse Apache log data and analyzed behaviors for both robot and human requestors of web resources.

Machine Learning Intern **Summer 2017**
Riverain Technologies

- Researched and developed methods to automatically segment organs from a computed tomography (CT) scan
- Developed scripts to preprocess specialized file types

Cyber Security Researcher **Summer 2016**
Wright State University

- Researched methods for reverse engineering binaries
- Developed a framework to provide a simplified interface to reverse engineer binaries on Linux

CLUBS

Cyber Security Club **2015-Present**
President 2016-2017

Association for Computing Machinery **2014-Present**

PROJECTS

1. **Wright State NASA Mining Robot Competition, Lead programmer:** A 90-kilogram robot that is able to mine dirt and gravel and transport it across an arena. The robot is controlled over Wi-Fi via an Arduino and Raspberry Pi.
2. **Cloud-LC3:** A web-based LC3 computer simulator. Includes a text editor that can assemble LC3 assembly and load into the simulator. Also allows for easy and direct editing of registers and memory.
3. **CPP-Manager:** A bash-based C++ IDE. Generates code for new projects, namespaces and classes. Can automatically create CMake file to compile program and libraries.

HONORS AND AWARDS

1st place team, PacketWars Hacksec CTF 2017
3rd place team, Wright State ACM Programming Contest 2016
Eagle Scout Award, Boy Scouts of America 2014