

Ryan Lapchynski

lapchynski.2@osu.edu • xxx-xxx-xxxx • github.com/xxxxxxxxxx • xxxxxxxxxxx Ave, Columbus

Objective

Computer science internship or co-op utilizing strong problem-solving and research ability, extensive programming experience, Linux knowledge, and collaboration skills. Columbus area preferred, available starting May 2020.

Education

The Ohio State University

Columbus, Ohio

B.S. in Computer Science and Engineering

May 2021

GPA: 3.8/4.0

B.S. in Honors Mathematics

August 2021

GPA: 3.9/4.0

Skills

Programming and Systems

- 4 years personal (daily use and homelab) and 1 year professional Linux experience (See Experience section)
- Extensive experience with Python, C and C++, Java, and \LaTeX
- Proficient with Bash, Scala, Matlab, CUDA, and Javascript/Web Development

General Engineering

- Considerable experience with SolidWorks modelling and simulation as well as 3D-printing
- Understanding and experience with iterative design process

Personal Skills

- Strong collaborator with excellent team-work and leadership skills
- Very analytical with excellent problem-solving ability
- Quick and tenacious learner, especially with new concepts

Experience

Student Systems Administrator (Part-time: 15-30 hrs/wk)

Columbus, Ohio

Ohio State Computer Science and Engineering Department

December 2018 - Current

- Manage and ensure proper security for an environment of approx. 200 Linux servers and desktops
- Develop automation tools and scripts to perform a large variety of regular tasks
- Test and help develop new technology and systems for the CSE Department including a ### TFlop HPC
- Worked with research labs, professors, and graduate students to build and install new systems and maintain current systems, both shared servers and desktops

Math Tutor (Part-time: 15-20 hrs/wk)

Columbus, Ohio

Ohio State Math and Statistics Learning Center

September 2017 - December 2018

- Assisted students in understanding various math concepts ranging from precalculus to differential equations
- Assessed students' knowledge and led them to understanding concepts for themselves, providing full explanations of concepts as needed

Activities and Volunteer Experience

- Active member of the OSU Cybersecurity Club
- 8 years experience as a team member in FIRST robotics, 6 years experience mentoring teams and 6 years (to current) as a regular volunteer for tournaments. (More information about FIRST at firstinspires.org)
- 10 years experience as a 4-H member with various agricultural and tech-related endeavors