

# Lucas Ball

## EDUCATION

### Oregon State University - 2022

Bachelor of Science in Computer Science (Cyber Security Focus)

Minor in Business - Anticipated graduation 2022

## EXPERIENCE

### OPeNS Lab at Oregon State University — Project Lead / Programmer

November 2020 - January 2022 Oregon State University, OR

- Utilized Arduino project boards to create environmental sensing devices
- Used GitHub to organize project management and collaborate to solve software problems on research projects
- Collaborated with project team to solve Hardware/software development problems resulting in the deployment of multiple environmental research projects
- Coded Ethernet, Cellular, and WiFi network configurations alongside HTTP/SSL communication.
- Configured long distance hardware communications such as LoRa, nRF and Freewave Radio

### Orengo Systems Inc. — Electrical Engineering Intern

June - September (2017, 2018, 2019) Sutherlin, OR

- Designed and printed circuit boards using Altium PCB design software
- Successfully developed and implemented a device to test circuit boards for quality control and manufacturing defects
- Designed digital logic programs for custom products.

### Orengo Systems Inc. — Information Technology Intern

June - September (2015, 2016) Sutherlin, OR

- Used integrated software to conduct data entry for products in order for the IT team to track devices
- Tested in-production web pages for quality control and software bugs
- Maintained hardware by cleaning and repairing parts

## ACHIEVEMENTS

- NSA Codebreaker challenge high performer (2021)
- 5th place - National Collegiate Cyber Defense Competition
- 5th place - N1CTF with OSUSEC competition team.

## REFERENCES

- Available upon request

## PERSONAL INFO

### Phone Number:

(541) 817-7822

### Email:

[ball.lucas@gmail.com](mailto:ball.lucas@gmail.com)

### LinkedIn:

[www.linkedin.com/in/lucasballr](https://www.linkedin.com/in/lucasballr)

### Portfolio:

[portfolio.lucasball.com](https://portfolio.lucasball.com)

## SKILLS

C++

C

Python

HTML

CSS

Javascript

SQL

Linux

GDB

x86/64 Assembly

Arduino

Github

VMware

Ghidra

Rust

Reverse Engineering

Exploit Development