

Paul Walko

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EDUCATION

Virginia Tech, GPA: 3.2

Blacksburg, VA

Pursuing Bachelor of Science

2019

Major: Computer Science

Minor: Cyber Security, Math

WORK EXPERIENCE

Summer Camp Area Director / Lead Instructor

Summer 2015

Lincoln Heritage Council, Boy Scouts of America

Clermont, KY

- Supervised a boy scout summer camp area
- Taught and organized several classes for future use
- Managed materials for every-day activities

Summer Camp Instructor

Summer 2014

Lincoln Heritage Council, Boy Scouts of America

Clermont, KY

- Taught large classes various scouting skills

PROJECTS

All this are on my Github: github.com/paulwalko

Ubertooth

- Ongoing project to find vulnerabilities in Bluetooth (Note: I didn't create this, I'm just using it in my own application)

WaypointLogger

- Android app that records your GPS location and saves it to a .kml file for overlaying on google maps

RoboLog

- Simple hour tracking service written in PHP

CCCMAP

- Web app that finds the shortest distance between 6 different points on a boy scout camp. Written in python and Django.

TECHNICAL SKILLS / AWARDS

Eagle Scout, Troop 306

2013

Networking

- Analyzed Bluetooth packets in Ubertooth project using Wireshark and TCPDump
- Set up secure virtual machine (from vulnhub.com) to practice exploits

Operating Systems

- Very comfortable working with Linux command line and am familiar with common tools

Security

- Regularly complete exploit and security exercises and post write-ups to my website: paul.walko.org
- Familiar with GDB and IDA for reversing engineering tasks

EXTRACURRICULARS

Cyber Security Team, Virginia Tech

2015-Present

- Ranked 26th out of 300 in Cyber Security Awareness Week (CSAW) Competition

Cyber Defense Team, University of Louisville

2014-2015

- Scored 25% of all points in CSAW competition

Outdoor Club at Virginia Tech

2015-Present

- Maintain parts of the Appalachian Trail regularly
- Website maintainer: outdoor.org.vt.edu