Paul Walko

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EDUCATION

Virginia Tech, GPA: 3.08 *Blacksburg, VA*
Pursuing Bachelor of Science *2019*
Major: Computer Science
Minor: Cyber Security, Math

WORK EXPERIENCE

Cybersecurity Engineering Intern *Summer 2017*
Cisco Systems, Security & Trust Organization *RTP, NC*
- Developed Linux security module
- Helped design anti-malware software for IoT devices

Research Assistant – Created portable, concealable Bluetooth pen-testing device *Sep 2016 - May 2017*
Hume Center at Virginia Tech *Blacksburg, VA*
- Intercepted data from keyboards, mice, and other BLE devices
- Analyzed data using Wireshark and python to find patterns and vulnerabilities

S.W.A.T Technician *Aug 2016 - May 2017*
Virginia Tech College of Engineering *Blacksburg, VA*
- Assisted customers with software/OS installation
- Removed malware/viruses
- Diagnosed installation and network issues

Summer Camp Instructor / Lead Instructor *Summer 2014, 2015*
Lincoln Heritage Council, Boy Scouts of America *Clermont, KY*
- Taught large classes various scouting skills
- Supervised a boy scout summer camp area

PROJECTS

Github: **github.com/paulwalko**
phenny
- IRC bot (github.com/mutantmonkey/phenny)
- Maintain several modules

RoboLog
- Simple hour tracking service written in PHP

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

EXTRACURRICULARS

Virginia Tech Linux/Unix Users Group *2015-Present*
- Sysadmin
- Help maintain wiki, shell server, and webserver. See vtluug.org/services

Outdoor Club at Virginia Tech *2015-Present*
- Maintain parts of the Appalachian Trail regularly
- Website maintainer: outdoor.org.vt.edu