AC Andrew Cabey
Programmer and Reverse Engineer

contact@acabey.xyz

Personal Statement

I am Andrew Cabey, an aspiring computer science student at Northeastern University with interest in cyber security and Free Software. I have been hacking, cracking, creating and doing my best to understand technology since a young age and intend to continue this persuit.

I am always looking for learning opportunities and a chance to do meaningful, impactful work.

Education

Westwood High School
Graduate of Class 2017

- GPA 4.2/4.5
- Intro to Computer Science
- AP Physics
- AP Computer Science (self-study)
- AP BC Calculus
- AP Statistics

Experience

Town of Westwood
Summer IT Intern, June-Aug. 2014-2016
- Tasked with configuring the town's new computer systems and networking devices
- Automated Windows system configuration with scripting (Powershell, Batch)

USSTEAM Academy
Teacher, Sept. 2017 - Present
- Teacher in supplementary education program
- Created and taught Java programming courses

Activities

Westwood FIRST Robotics Team
Lead Programmer
- Innovated new methods of robot control with PID-assisted driving and vision-backed targeting implemented in Java
- Led outreach to expose younger students to STEM programs in Westwood

Westwood Hack Club
Leader/ Co-founder
- Programming club providing a space to nourish curiosity and personal growth
- Introduce students to computer science with projects in web development (HTML, CSS, Javascript) and hardware tinkering (Arduino)

Personal Projects

Homelab
- Recreation of an enterprise production network with repurposed server and networking hardware
- Designed and implemented networking infrastructure, networked file system, open-source hypervisor/ virtualization technologies, and open-source services

Portfolio Website / Blog
- Bootstrap-based static website utilizing HTML, CSS and Javascript
- Hosts portfolio of projects as well as personal tech-blog

Skills - Qualifications

Programming
Java, C, Python, C++, x86 ASM, HTML, CSS, Javascript, SQL

Technologies
samba, NFS, ZFS, LDAP, apache2, QEMU/KVM, Proxmox, Avaya, pfSense, UFW

Qualifications
CompTIA A+, CompTIA Security+