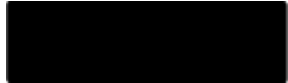




# Adrian Self



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<https://adrianself.me>

<https://www.linkedin.com/in/adrian-self>

**PROFILE:** Experienced **programmer** with strong **communication** skills and **collaboration** experience. **Trained** students of all ages in computer programming. Won competitions in the field of **cybersecurity**.

**OBJECTIVE:** To obtain a part-time or internship position in a company that specializes in cybersecurity, software development, and/or networking where my skills and knowledge can be beneficial and I can learn more.

- CERTIFICATIONS & SKILLS:**
- CompTIA A+
  - TestOut PC Pro
  - Studying for:
    - CompTIA Network+
    - CompTIA Security+
  - Python
  - C Programming
  - Cryptography
  - Computer Hardware
  - CAT5e Cabling
- All Current

**EDUCATION:** **Delaware Area Career Center** Aug 2019-Current  
 4565 Columbus Pike, Delaware, OH 43015  
**Cybersecurity**

**Westerville South High School** Aug 2017-Current  
 303 South Otterbein Avenue, Westerville, OH 43081  
 (614) 797-6000  
**4.0 GPA**  
**36 ACT**

**WORK EXPERIENCE:** **Security Researcher** Mar 2016-Current  
 Independently Employed

- Research Computer Security
- Apply Research in Competitive and Professional Environments
- Identify and Exploit Security Vulnerabilities
- Collaborate Effectively with a Team
- \$12,313 Earned in Total by Teams
- \$1,226 Earned Individually

**ORGANIZATIONS & ACTIVITIES:** **Vice President** Aug 2018-Current  
 Business Professionals of America  
 DACC Chapter

- Elected to Office

**Computer Science Club**  
 Westerville Central High School

- Co-Captain
- Subject Matter Instructor

**Student Ambassador**  
 DACC Cybersecurity

- Provide Tours to Prospective Students
- Present Information to Various Audiences

**Varsity Tennis**  
 Westerville South High School

- Senior Captain
- MVP

COMMUNITY SERVICE:	<b>Student Core Member - Vineyard Columbus</b> Columbus, OH <ul style="list-style-type: none"> <li>• Participate in community outreach efforts involving service</li> </ul>	2017-Current
	<b>Student Ambassador- DACC</b> Delaware, OH <ul style="list-style-type: none"> <li>• Teach elementary schoolers about cybersecurity concepts: Personal/Password Security, PKI Public Key Infrastructure</li> </ul>	2019-Current
COMPETITIONS	<b>MITRE Collegiate Embedded Security Capture The Flag</b> Project Lead, Lead Developer, Cryptographer <ul style="list-style-type: none"> <li>• First ever high school submission</li> <li>• Designed secure embedded system over a 4-month period</li> <li>• Implemented secure cryptographic scheme using block cipher modes of operation and message authentication codes</li> <li>• Wrote 800 lines of C and wrote 6 Python scripts</li> </ul>	Jan 2020-April 2020
	<b>HackactivityCon CTF</b> Placed 1st of 3,663 teams, won \$3,000 prize <ul style="list-style-type: none"> <li>• Solved challenges in the areas of cryptography, forensics, web application security, and open source intelligence</li> <li>• Collaborated effectively with team (<b>redpwn</b>) through electronic communication software</li> <li>• Event by HackerOne, the world's largest bug bounty platform</li> </ul>	July 2020
	<b>Ohio Cyber Collaboration Capture The Flag</b> Placed 1st <ul style="list-style-type: none"> <li>• Performed manual and automated network and web attacks</li> <li>• In-person event by Ohio National Guard and JPMorgan Chase</li> </ul>	March 2018
	<b>PicoCTF 2019</b> Placed 3rd, Invited to awards ceremony <ul style="list-style-type: none"> <li>• Solved challenges in the areas of cryptography, web exploitation, binary exploitation, forensics, and reverse engineering</li> <li>• Large-scale competition with nearly 40,000 participants</li> </ul>	Sept 2019
	<b>US Cyber Challenge</b> Top-Ranking Individual, National Finalist, 2nd place team <ul style="list-style-type: none"> <li>• Invite-only, week-long event, qualified by competing against professionals in preliminary web security competition</li> <li>• 36 hours of instruction in the areas of Program Analysis, WebApp Pentesting, Memory Forensics, Scapy</li> <li>• Placed first individually in concluding cyber range competition</li> <li>• Invited to national championship</li> </ul>	June 2020
	<b>CSAW CTF</b> Finalist, earned scholarship to NYU <ul style="list-style-type: none"> <li>• Solved challenges in the areas of cryptography, binary exploitation, reverse engineering, and web security</li> <li>• Qualified for finals both in CSAW CTF (as <i>rubypwn</i>) and CSAW Red (as <i>AdnanSlef</i>)</li> </ul>	August 2020