

**David Henry Rogers**  
1101 Charles View Way, Apt E. Towson, MD.  
(410) 430-1532 (c)  
drogershh15@gmail.com

**OBJECTIVE:**

To work for an organization that will provide an opportunity for challenge and professional growth, and to begin a career in Computer Science/Cyber Security using the skills developed while attending Towson University.

**Towson University, Towson, MD**

Bachelor of Science, Computer Science Degree with track in Computer Security

GPA: 3.0

Graduation Date: December 2018

- Cyber Security Club

**RELATED COURSEWORK:**

- |   |  |
|---|--|
| ● Application Software Security                 | ● Software Engineering                   |
| ● Case Studies in Computer Security             | ● Operating Systems                      |
| ● Reverse Engineering & Malware Analysis        | ● Database Management Systems            |
| ● Advanced Programming                          | ● Data Structures and Algorithm Analysis |
| ● Operating Systems Security                    | ● Principles of Computer Organization    |
| ● Network Security                              | ● Intro to Computer Science II           |
| ● Programming Languages / Design Implementation | ● Intro to Computer Science I            |
| ● Introduction to Cryptography                  | ● Calculus 2                             |
| ● Data Communications & Networking              | ● Linear Algebra                         |

**TECHNICAL SKILLS:**

Languages	Java, C++, SQL, Python
Operating Systems	Linux (Ubuntu, CentOS, Kali, Mint), Windows (7,8,10), IOS
Security Software	Wire Shark, Nmap, Metasploit, Volatility, GDB, IDA
Database	MySQL, phpMyAdmin, Xamp, Wamp
Web	HTML, XHTML, CSS, JavaScript, PHP
Repository	GitLab, GitHub, Team Foundation Server, Subversion
IDE	Jet Brains Products (IntelliJ, PhpStorm), Eclipse, Net Beans

**WORK EXPERIENCE:**

**AMSAA (U.S. Army) – ORISE Software Development Summer Internship, May 2018-August 2018**

Was selected to take part in ORISE Software Development Summer Internship with the U.S. Army.

Responsible for the following duties:

- Created a full stack web application using Java as the back end to connect to an Oracle database and XHTML, CSS, JavaScript, and Java Server Faces for the front end.

- Created multiple tables in the Oracle database using SQL to be referenced throughout the web application.
- The project allowed for a more streamlined process resulting in increased productivity.
- Participated in weekly Scrum meetings and presented the final project for the organization.

#### **ADG Creative – Web Development Summer Internship, May 2017-October 2017**

Was selected to participate in the Web Development Summer Internship. Responsible for performing the following duties:

- Converting a static HTML/CSS site into a WordPress framework where a content manager can edit content without seeing a line of code.
- Outlined what the client needed and what we thought would be the best implementation for their needs. Participated in weekly Scrum meetings and prepared Bi-weekly reports.

#### **Projects –School and Personal Software Development, September 2013-Current**

- Worked in a team of 8 to create a mock business network that was penetration tested using technologies including:
  - Apache2, IIS, Snort, Active Directory, Bind DNS, MySQL, RDP, FTP, SMB, SSH, IPTables.
- Created a GUI that displayed the content of the SQL Database for a used car company in Salisbury, MD called Express Auto Inc.
- Worked in a team to create a business network using various virtual machines running Linux and Windows to be penetration tested by a Red team.
- Connected a “Billy Bass” talking fish to an Amazon Alexa
- Built my personal desktop computer
- Worked in a team of 8 creating a website called ReservEdu.com using the Ember frame work
- Worked in a team of 2 creating a driver that will be compatible with Linux on a RaspberryPi 3.0
- Created my personal website davidhrogers.net for a web-based resume

#### **HONORS, AWARDS, AND ACHIEVEMENTS:**

- The Dean’s List of Towson University – Spring 2018
- The Dean’s List of Towson University – Fall 2017
- Attended the DEFCON hacking conference – August 2018
- STEM Scholars Residential Learning Community – August 2014 to May 2015
- The Dean’s List of Wor-Wic Community College – Spring 2014
- Maryland Certificate of Merit – June 2014
- High School Diploma, Wicomico High School – June 2014
- National Honor Society – May 2013