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| Shawn Shroyer | [shroysha@gmail.com](mailto:shroysha@gmail.com) |
| (240) 310-8658 | <https://www.shroysha.dev> |

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| MAC OS X:Users:Shawn:Downloads:silver+2+small.png | MAC OS X:Users:Shawn:Downloads:Template_GSEC.png | MAC OS X:Users:Shawn:Downloads:cisco_ccna_R_26S.png |  |

**Education**

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| PCAP | Certified Associate in Python Programming | 2019 |
| GSEC | GIAC Security Essentials Certification | 2015 |
| CCNA | Cisco Certified Network Associate in Routing and Switching | 2015 |
| ITIL | Axelos Information Technology Infrastructure Library v3 | 2015 |
| Graduate of The Pennsylvania State University | | 2015 |
| * B.S. Information Sciences and Technology Major (Integration of Applications focus) * Security and Risk Analysis Minor (Network Security focus)   GPA – 3.59, Dean’s List in all semesters, Academic Excellence in Information Sciences and Technology Award | | |
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**Work Experience (9 years of programming experience – mainly hobby)**

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| Software Engineer  Freelancing, Hagerstown, MD | 10/2016 – Present |
| * Experimented with machine learning in Python to successfully play the game 2048 * Created a VR app using C#, Unity, PHP, MySQL, and OAuth2, which displays user-created geographical content, using the devices’ location, gyroscopic angle, and compass data * Used IntelliJ and implemented Gradle, MVC, Spring Boot, JUnit, and Lombok into my personal coding portfolio * Created a Python modulo 29 number theory module in attempt to solve the 2015 Cicada 3301 puzzle | |
| IT Support Specialist Level 3  The Pennsylvania State University, State College, PA | 01/2016 – 10/2016 |
| * Moved to State College (post-graduation) and supported the Eberly College of Science’s Astronomy, Math, and Physics departments Linux research servers and their classroom and office Windows / Mac desktops * Installed, packaged, and resolved issues with Anaconda, GCC, R Server, MATLAB, Maple, Mathematica, ArcGIS, and any other scientific software requested from researchers (some compiled from source) * Lead and managed departments’ projects and assisted other departments as needed (primarily with Mac and Linux) * Developed Bash, Python, and PowerShell scripts to automate daily tasks in SSH, SharePoint, and Active Directory | |
| NOC Technician  TE Connectivity, Shirley, NY | 09/2015 - 10/2015 |
| * Participated in a two week contract to assist the physical setup of a WAN NOC at an AT&T facility | |
| Service Desk Technician | 06/2014 - 09/2015 |
| National Institute of Standards and Technology (NIST), Gaithersburg, MD   * Worked full-time at a highly structured helpdesk providing user support to Gaithersburg and Boulder, while in college | |
| Student Technician Supervisor  The Pennsylvania State University, Mont Alto, PA | 01/2013 - 06/2014 |

* Received promotion (from Student Technician) on 01/2014

*please contact for more details and interview*