

## Shane Reilly

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3433 Clifton Ave  
Cincinnati, OH 45220

### EDUCATION

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University of Cincinnati, Cincinnati, OH Expected May 2023  
College of Engineering and Applied Science GPA 3.99  
Bachelor of Science, Computer Science

University of Maryland University College, Adelphi, MD Graduated 2018  
Associate of Arts, General Studies GPA 3.81

### EXPERIENCE

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*Reverse Engineer Co-op*, Radiance Technologies January 2020 – Present  
Dayton, OH

- Perform static and dynamic reverse engineering of various architectures including x86-64 and ARM.
- Analyze disassembled code to recreate software and firmware source code.
- Develop tools, scripts and plugins to assist team with further reverse engineering and analysis efforts.
- Reverse engineer undocumented network protocols and develop Wireshark dissectors, allowing further research into target assets.
- Collaborate with reverse engineering team and provide documentation of findings and usage of tools.

*Armed Security Officer*, Paragon Systems September 2018 - Present  
Cincinnati, OH

- Conduct security screenings, ensuring safety of building occupants and federal employees.
- Maintain accurate logbooks of building activity.
- Utilize surveillance and communication equipment.

*Repair Technician*, Getronics June 2018 – September 2018  
Hebron, KY

- Repaired and maintained over 400 point-of-sale/retail computers and peripherals including registers, scales, switches, routers, servers, printers and displays.
- Employed software and hardware testing to locate faults. Completed component level replacement and soldering.

*Calibration and Repair Technician*, United States Marine Corps February 2013 – June 2018  
Okinawa, Japan/Jacksonville, NC

- Managed and supervised repair and calibration of aeronautical test and measurement equipment to support flight line operations; resulting in an increase in squadron aircraft readiness.
- Volunteered as quality assurance inspector, implementing quality control measures to ensure all maintenance was being executed safely and in accordance with applicable references. Oversaw safe completion of over 500 assets.
- Ensured the proper training, physical fitness, job performance, and well-being of over 30 Marines.
- Utilized technical manuals and publications to determine precision and accuracy of test equipment.
- Performed calibration and repair on a wide variety of electrical, electronic, torque, pressure, dimensional, temperature and microwave test, diagnostic and measurement equipment.

### SKILLS

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- ARM • C/C++ • Top Secret clearance • Python • Linux • Java • Reverse engineering • GDB • Ghidra • Wireshark • Shell scripting • Soldering • Electronics • x86/x86-64 • Technical writing •