

Scott Butts

Full-Time Student, Pre-COVID C++, Java, Python and Mathematics Tutor.

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LinkedIn

<https://www.linkedin.com/in/scott-butts-70bb49130/>

GitHub <https://github.com/Ods25>

- Electrical Engineering Student at University of West Florida
- Github page contains Reverse Engineering and Programming projects.
- LinkedIn page contains two self-authored tutorials on Reverse Engineering & Exploit Development in Linux focusing on the GCC compiler
- Prides self on ability to learn, will read through entire textbooks on new technologies in free time.
- Fluent in the following programming languages: C/C++, Python, Java, Javascript.
- Fluent in the following Instruction-Set Architectures: x86, ARM, MIPS.
- Adept with using the following technologies: Linux/Unix/Windows, Visual Studio & MSVC, Vim, React, Flask, Ghidra/IDA Pro, Radare, Cutter, GCC, G++, and GDB using the GEF Framework.

Experience

2019-05 - 2020-08

Programming, CyberSecurity & Mathematics Tutor

Pensacola State College - Trio Department

- Part time position tutoring students who are military veterans or financially burdened.
- Daily tasks involve teaching concepts of CCNA, Networking, Project Management, Algorithms, the C++, Java, and Python Programming languages.

2019-03 - 2020-08

Resource Officer / Reverse Engineering Training Officer

Cyber Defense Club - Pensacola State College

- Author of Multiple articles on tutorials for Reverse Engineering and Exploit development on LinkedIn.
- Attended 2 seasons of the hacking competition National Cyber League, as well as ITEN Wired with Pensacola State College's Cyber Defense Club.
- Responsibilities include the training of students to pass Exploitation & Enumeration Challenges, & Cryptography Algorithm Challenges.

2018-03 - 2018-08

IT Technician

University of Florida, West Florida Research and Education Center

- Worked as a general IT Technician and Media Technician at UF's WFREC.
- Troubleshooting of, and repair of complex systems within a university / research environment (Full classroom caddies containing switches, PC's, audio and teleprompter equipment)

2018-01 - 2018-04

Federal Work-Study Desk Assistant

Pensacola State College

- Organized student documents within specific folders
- Carried out interdepartmental tasks for superiors quickly, as well as Assisting superiors with general tasks around office environment.

2017-03 - 2018-01

Comcast Level 2 Remote Technician

Comcast

- Used remote technician tools to diagnose and identify common troubleshooting errors within routers and wireless access points.
- Used Customer Support techniques to de-escalate angry customers, and Scheduled Technician Visits.

2016-01 - 2017-02

Electrician Assistant

Jack Butts Inc.

- Running wires for cabling security systems.
- Assembling Cat 5 cables into Ethernet socket compatible configurations
- Wiring DVR systems

Education

2020-05 - present

University of West Florida, Electrical Engineering, Bachelor's of Science

2020-05 - present

University of West Florida, Computer Engineering, Bachelor's of Science

2017-01 - 2020-05

Pensacola State College, Computer Science, Associate's in Arts

- Have received A's in C++, Robotics Programming, Java Programming
- Focused on directed self study aside from degree in Reverse Engineering, Crackme's, Binary Analysis, and Cybersecurity group at college.

Technology Snapshot

Programming Projects - Avid user of ProjectEuler, completed multiple Algorithms included Big Integer Arithmetic, Node, and Stack Algorithms.

Reverse Engineering Project - Completed Binary Analysis and Reverse Engineering challenges for CyberSkyline's NCL (CyberSecurity Competition), Protostar on Andrew Griffith's Exploit Education website, and crackmes.de .

Linux Daily Driver, Comfortable in Bleeding-Edge environments. Specifically comfortable with Debian(Ubuntu/Kali), Arch(Manjaro,BlackArch).

Familiar with and have completed numerous OSINT, Cryptography, Network Scanning, Wireless Access Exploitation, and Reverse Engineering challenges for CTF Competitions.

Daily user of the following Reverse Engineering tools: IDA Pro/Ghidra/Radare2(Cutter Front-end), WinDBG/GDB/GEF

Completed course on Unreal Engine 4 from Udemy, multiple small projects available for reference.