

# Scott Butts

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

Phone 850 889 3525

E-mail [scott.edward.butts@gmail.com](mailto:scott.edward.butts@gmail.com)

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 enviroment (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.