Embedded Software Developer
Full-Time Position

Benefits Start on Day 1 of Hire:
- 100% company-paid health, dental, vision, life, and disability insurance coverage
- Four weeks of Paid Time Off (PTO) per year, increasing to five weeks after five years
- 11 Paid Holidays per year
- Relocation package up to $10,000
- Flexible work hours
- Casual working environment
- Full tuition reimbursement
- State-of-the-art computer equipment
- Free membership to a nearby fitness facility
- 15% annual company contribution to ESOP and 401(k) program
- Free soda, juice, fresh fruits, popcorn, and snacks

Apply Now: https://cc-sw.com/careers/

Caesar Creek Software works with various government agencies to perform cyber research into major operating system platforms, software security products, personal computers, cell phones, and networking equipment. We specialize in offensive information operations, reverse engineering, vulnerability analysis, and exploit development. Our robust Internal Research and Development program lets us do cool stuff on our own. If it has a processor, we love taking it apart to see what makes it tick. Our company motto: "We void warranties!"

United States citizenship is required for all positions, and the ability to obtain a high-level security clearance.

Essential Duties and Responsibilities
- Architect, design, develop, debug, and maintain software for embedded devices and systems
- Conduct integration and system-level testing
- Execute and enhance the entire software development lifecycle
- Ensure application development meets product specification requirements
- Support vulnerability discovery, analysis, and exploitation
- Create and maintain technical documentation, including design, test, and test result documents

Skills & Requirements

Experience in the following areas is required:

- C or Python programming experience

Experience in the following areas is a strong plus:

- IDA Pro, Binary Ninja, Ghidra, radare, WinDbg, OllyDbg or other reverse engineering tools
- Code obfuscation, polymorphism, and anti-debugging techniques
- Malware analysis
- Linux shell scripting
- Security vulnerability analysis and exploit development
- Operating system internals
- Network protocols (DNS, HTTP, IPSec, VoIP)
- Device driver development
- Assembly-level and embedded programming

Qualified candidates must have the following:

- BS, MS, or PhD in Computer Science, Computer Engineering, or Electrical Engineering. Other majors or those without a college degree will be considered for the candidate with the desired skill set.
- U.S. citizenship and the willingness to obtain a high-level security clearance. A current Top-Secret security clearance is highly desired!

LinkedIn: https://linkedin.com/company/cc-sw

Location: Miamisburg, Ohio (a suburb between Dayton and Cincinnati)