# Maria Bowser

Top Secret / SCI Clearance with CI Poly

Full-stack Software + Reverse Engineer

Northern VA, non-remote OK

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## Skills

* Software Development
* Reverse Engineering
* UX and UI
* Python
* C
* Go
* Ghidra
* Bash
* Git
* Unit Testing
* Binary analysis
* GDB
* GCC
* cProfile
* Airgapped Networks
* Java
* JavaScript
* HTML
* CSS
* Linux
* Russian
* Japanese
* Communications
* Computer Networking

## Professional Experience

### Reverse Engineer and Vulnerability Researcher

Verite Group Inc | Dulles, VA | July 2024 - October 2024

* - Led reverse engineering arm of the cyber operations team
* - Utilized Ghidra, Valgrind, Bash, gdb, gcc, and networking tools to identify vulnerabilities
* - Automated decompilation of statically linked binaries for headless extraction
* - Developed Python and Bash scripts for large-scale binary decompilation
* - Delivered enterprise solutions in air-gapped environments

### Software Engineering Consultant

Deloitte GPS | DC Metropolitan Area | Jun 2021 - May 2024

* - Full-stack development in air-gapped environments, optimized software by 700%
* - Developed command and control server with CLI in Python for Red Team operations
* - Led high-side development for cybersecurity web apps
* - Won company-wide OSINT Capture the Flag (October 2023)

### Software Engineer (Backend)

PioneerTech | Fairfax, VA | Jan 2021 - Jun 2021

* - Full-stack Java development for high-security Oracle projects
* - Enhanced software reliability through modernization and debugging

### Software Engineer (Java)

Concept Plus | Fairfax, VA | Mar 2020 - Aug 2020

* - Developed software for DOEHRS-HC contract supporting DoD personnel health readiness
* - Managed database backend integration and service layer mechanics

### System Engineer

Perspecta Inc | Chantilly, VA | Jan 2019 - Jun 2019

* - Engineered data solutions using mobile time-location-based data
* - Integrated blockchain into healthcare data file management

## Education

Virginia Tech College of Math & Science

B.A. in Economics (Concentration in Computer Science) & Minor in Statistics | 2013 - 2018