# **Carlton Brewster, CISSP, Elite Hacker(HTB)**

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## TECHNICAL SKILLS SUMMARY

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| --- | --- |
| Technical Skill | Experience |
| Software Development/Documentation | (30+ years) |
| Version control & Troubleshoot | (20+ years) |
| Windows/Linux OS | (20+ years) |
| Database analysis | (20+ years) |
| Bash/Perl/REXX scripting | (20+ years) |
| MS Access/Exchange | (15+ years) |
| MS SQL Server, MySQL | (10+ years) |
| Extract, Transform and Load (ETL) | (10+ years) |
| APIs | (10+ years) |
| Agile | (10+ years) |
| Computer Networking | (9 years) |
| Security Analysis | (6 years) |
| Network Security | (6 years) |
| Linux | (6 years) |
| Information Security | (6 years) |
| OBHTML5, XML, JSON | (6 years) |
| Cybersecurity | (6 years) |
| QEMU/KVM, VirtualBox, VMware | (6 years) |
| Python | (5 years) |
| Penetration Testing | (5 years) |
| Business Requirements | (5 years) |
| Nmap | (4 years) |
| Network Penetration Testing Automation | (3 years) |
| Metasploit | (3 years) |
| Java | (3 years) |
| Docker, Vagrant | (3 years) |
| Network Firewalls | (2 years) |
| JavaScript | (2 years) |
| GitHub | (2 years) |
| ColdFusion Web Development | (2 years) |
| AWS Compute Engine | (2 years) |
| IBM Notes | (2 year) |
| Information Systems Risk Assessment | (1 year) |
| Burp Suite | (1 year) |

## Experience Summary

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| 5 years | **Cybersecurity Consultant** |
|  | Reverse engineer decrypted code, found and patched bug in Java. |
|  | Responsible for the Physical Security of Federal and State Tax Information. |
|  | Managed daily Security Procedures to protect the IRS PII lab per regulations. |
|  | Security Guidelines Publication 1075, Federal Tax Information Security. |
|  | Tasked with responding/correcting FISMA, NIST 800-53 Security Control Audits Issues. |
|  | Responsible to responding to risk assessment based upon NIST SP 800-30, RMF, NIST 800-37 |
|  | Working knowledge of the NIST 800-37 Risk Management Framework is part the CISSP certification. |
|  | Performed the following functions for the DC Gov Tax and Revenue/CFO Tax Compliance Division: |
|  | Obtained & maintained public Trust required for DC & IRS Tax investigations and reporting. |
|  | Office IRS Government Liaison for Data Exchange Program. |
|  | Tasked with secure record storing, access, disposal, and systems security. |
|  | Responsible for programmatic pulling data necessary to support local taxpayer’s audits. |
|  | Worked with contractor of defunct company with no software escrow of tax extracts system. |
| 25+ years | **Software Development** |
|  | Developed, tested and deployed applications in all major conventional languages. |
|  | Maintained the version control system for contract deployment. |
|  | Master integration with off-the-shelf products with internal systems. |
|  | Lead and participated in all phases of the software life cycles. |
|  | Presented products & apps to business owners and senior management. |
|  | I’m a USA with no security clearance. Had public trust for the District Government. |
|  | Implemented & troubleshoot myriads of Pen-testing scripts in Bash, Python, Ruby, Perl, Lua. |
|  | Install & troubleshoot java applications (OWASP Zap, Ghidra). |
|  | Cyber-certified by ISC2 with CISSP - Information Systems Security Professional. |
|  | Master the art of hacking, blocking and data protection/hardening. |
|  | Extensive use of Python for all types of system Hacking and rooting. |

## Professional Experience

## IT Specialist

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| --- | --- |
| December 2008 to January 2015 | IT Management Specialist |
|  | Coded logical/physical database descriptions. |
| DC Chief Financial Office | Established/determined optimum values for database parameters. |
| Office of Tax & Revenue | Trained non-technical users and answered technical support questions. |
| Compliance Division | Created conceptual and physical data models. |
| Washington, DC | Worked in team to coordinate database development and determine scopes. |
|  | Achieved cost-savings by developing functional solutions for CFOs. |
|  | Leveraged ODBC to input and compile data gathered from various sources. |
|  | Improved operations with team members/customers to find workable solutions. |

## Web Developer Team Leader

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| --- | --- |
| January 1999 to December 2000 | Web Developer Team Leader |
| Keane Federal System | Managed a team of web and database developers. |
| (State Department Contract) | Worked with business owners to develop web technical requirements. |
| Arlington, VA | Development environment consisted of JavaScript, ColdFusion and SQL Server. |
|  | Conducted weekly team meetings. |
|  | Prepared and reviewed system documentation. |

## Senior Web & Database Developer

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| --- | --- |
| January 1998 to December 1998 | Senior Web & Database Developer |
| Advance Technology Systems | Developed nation-wide Web/DBMS to assist public housing management |
| Washington, DC | Technologies: JavaScript, Cold Fusion, SQL Server, HTML and CSS. |
| (HUD Contract) |  |

## Senior Software Developer

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| --- | --- |
| 1988 to 1998 | Senior Software Developer |
| Chevy Chase FSB | Pilot IBM Java Enterprise Beans pilot project. |
| Chase, MD | Developed web system using IBM’s Notes Development. |
|  | Created Automated Voice System (AVS) in REXX scripting language. |
|  | Implemented enterprise-wide network and messaging systems. |
|  | Implemented enterprise-wide standards and many business systems. |
|  | Principal IT Specialist to Division Director |
|  | Prepare financial reports. |
|  | Advise Director on technology matters. |
|  | Perform database analysis. |
|  | Assist Director’s staff on tech issues. |
|  | Ran IRS data extraction reports for staff. |
|  | Manage software systems. |
|  | Liaison IBM contractors to implementing Bank’s new systems. |
|  | Perform ad-hock reporting and investigations. |

## EDUCATION, CERTIFICATION AND TRAINING

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| --- | --- | --- | --- |
| Year | Degree | Title | Location |
| 2021 | Elite Hacker | HackTheBox Ranking | Online |
| 2020 | CISSP | (Certified Information Systems Security Professional) | Washington, DC |
| 1988 | BSCS | Bachelor of Science Computer Science | American University, Washington DC |

## MEDIA LINKS

|  |  |
| --- | --- |
| Name | Link |
| HackTheBox.eu | <https://app.hackthebox.eu/profile/290417> |
| GitHub Repository | <https://github.com/gitezri> |
| LinkedIn Profile | <https://www.linkedin.com/in/carltonbrewster> |

## ASSESSMENTS

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| --- | --- | --- |
| Subject | Result | Date |
| Java | Highly Proficient | January 2021 |
| Analyzing Data | Completed | December 2020 |
| Programming fundamentals | Proficient | January 2021 |

## GROUPS

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| --- | --- |
| BugCrowd | August 2020 to Present |
| Bugcrowd is a crowd-sourced security platform. |  |
| It’s the largest bug bounty/vulnerability disclosure companies. |  |
| Involvement: Blockchain Static C++ Code Analysis. |  |

## PUBLICATIONS

|  |  |  |
| --- | --- | --- |
| Title | Location | Date |
| WordPress Site Security | https://github.com/gitezri/Secure-WordPress | August 2020 |
| OWASP ZAP Zed Attack Protocol Review | https://github.com/gitezri/owasp-zap-base | July 2020 |
| Docker/OWASP/ZAP Baseline/Attack “Video” | https://www.youtube.com/watch?v=yGk6Ewm1dgQ. | December 2020 |