

William Parker

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Passionate software developer and information security analyst with over 10 years of experience spanning skills in data analysis, risk management, project management, software engineering, and IT infrastructure. Significant expertise in leadership, people/project management, relationship building with both domestic and international partners, as well as development of training-based and operational programs. Lifelong learner dedicated to mastering new technologies and focusing on how processes, people, and technology can enable others to safely and productively fulfill their lives.

- Software Engineering
- Data Analysis
- Threat Intelligence
- Vulnerability Assessment
- Project Management
- Information Security
- Risk Management
- Interpersonal Communication
- Public Speaking
- Conflict Resolution
- Interviewing/Presentation
- Emotional Intelligence
- Consulting
- Problem Solving
- Negotiation
- Team Building
- Technical Writing

Technologies: .NET | C# | C | SQL Server | Git | ASP.NET | Entity Framework | Linux | Jira | Azure | AWS | HTML | CSS | Docker | JavaScript | jQuery | Python | VPN | OOP | Active Directory | Django | Bash | PowerShell | Jupyter | Tensorflow

PROFESSIONAL EXPERIENCE

Data Analyst - Python Developer | *Occam Solutions, Inc.* | June 2020 – Present

Responsible for the identification of project requirements, communication with multiple levels of leadership with the customer, and development of automated and visually appealing software solutions

- Developed a software solution using Python to make a cryptographically secure program that pulls geographical data from an API and inserts into an enterprise visualization tool, reducing time from several hours to minutes.
- Provided data visualization products in the form of Microsoft PowerBI dashboards, Python/Jupyter Notebook data library tools, and JavaScript-integrated tools (Plotly) to deliver mission-critical insights to the customer, increasing awareness and driving the decision-making process.
- Delivered presentations, briefs, and information/awareness sessions to key stakeholders to clarify the capabilities of the team for follow on projects, resulting in much higher education and engagement with customers.

Cloud Application Developer | *Microsoft Software and Systems Academy* | January 2020 – June 2020

Responsible for demonstrating fluency and competency in software development, database design, web framework, and cloud technologies within the .NET ecosystem and other popular technologies.

- Demonstrated fluency in the technologies implementing .NET Core and .NET Framework using Visual Studio, C#, JSON, XAML, ASP.NET, and Entity Framework, completing over 20 individual and team-based projects on various console, GUI, and cloud-based web applications.
- Developed a strong familiarity with Transact-SQL, SQL Server, and SQL Server Management Studio, developing various complex scripts, queries, and database design techniques in support of web application development.
- Increased productivity, quality, and team cohesion by implementing Agile project management techniques Git version control procedures, software development life cycle fundamentals, and leadership principles through strict deadlines.

Information Security Analyst | *U.S. Marine Corps* | August 2015 – January 2020

Responsible for providing time-critical risk information to key decision-makers, establishing strong relationships with partner organizations, and implementing the intelligence cycle to analyze current threats to technology, personnel, and facilities.

- Ensured zero information and personnel loss during international operations by providing multi-discipline risk assessment, leading to the presentation of reports on technical and physical threats to over 1200 employees.

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- Provided time-critical analysis across 25 products, resulting in heightened awareness and well-informed risk controls by executives through the conduct of interviews, threat analysis, and assessments with adjacent organizations.
- Developed and managed a challenging skills training program for a demanding 5-month information security course, reducing attrition rates by 20%.
- Coordinated with federal agencies and developed plans for open source research, physical, and digital surveillance using multiple communication systems to identify indicators of espionage and implement improved risk controls.
- Identified technical risks and recommended risk controls by assessing packet capture analysis, physical and information system access controls, and wireless security threats, preventing loss of IP and classified information.

Technical Supervisor, Threat Intelligence | U.S. Marine Corps | June 2010 – August 2015

Responsible for the training, proficiency, and efficiency of teams up to 15 members supporting up to 1200 customers, providing timely information critical to protecting personnel, infrastructure, and information systems internationally.

- Effectively organized a team of employees, instilling cohesion, training, professionalism, and perseverance to provide a safe and secure Presidential State of the Union Address in 2014.
- Reduced uncertainty and enabled executives to make informed decisions through the production analytical, biometric, and investigative information during international operations.
- Implemented strategies and developed processes to provide real-time information critical to effective decision-making by company executives using information systems and unmanned aerial systems, multiplying the available amount of information available with a small, two-employee team.
- Lead, developed, and mentored 12 employees, instilling confidence and independence within the team, substantially increasing the available analytic and logistic support available to a company of over 150 employees.

EDUCATION

Bachelor of Science in Computer Networks and Cybersecurity | University of Maryland Global Campus

- Fundamentals of network security, scripting, digital forensics, system administration, routing and switching, ethical hacking, risk management, and cloud computing with AWS.
- Participated in 2 “Capture the Flag” competitions, demonstrating competency in network packet capture analysis, password cracking, digital forensic analysis, and malware analysis.

Microsoft Software and Systems Academy – Cloud Application Development | Embry Riddle Aeronautical University

- Developed competency in the use of technologies such as C#, T-SQL, SQL Server, ASP.NET, HTML, CSS, and Azure.

CERTIFICATIONS

MTA Software Development Fundamentals		2020
CompTIA Network+ ce	-Expires Feb 2022	2019
CompTIA Security+ ce	-Expires Apr 2022	2019
Senior Management and Leadership Seminar		2018
DoD TS/SCI Clearance		2016
Counterintelligence/Human Intelligence Course		2016