

# MATTHEW K. WAYLES

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## Education and Achievements

### College of Charleston, Charleston, SC (2009-2013)

- *Bachelor of Science in Computer Information Systems*
- Relevant coursework included software engineering classes in Java, C++, Python, programming language concepts, assembly, operating systems, and data mining.

### Certifications

- **Active NACLA SECRET** U.S Government Clearance
- **Microsoft Certified Professional (MCP) HTML, JavaScript, & CSS (70-480)** – June 2017
- **Microsoft Certified Professional (MCP) Windows Server 2012 R2 (70-410)** – July 2015
- **Microsoft Certified Professional (MCP) Windows 7 (70-680)** – August 2014
- **CompTIA A+ Software/Hardware** March 2007
- **CompTIA Network+** June 2007
- **CompTIA Security+** August 2007

### Awards

- **Tapestry Solutions Unsung Hero** December 2017
- **Tapestry Solutions Excellence in Production** December 2017
- **Scientific Research Corporation SPOT Award** April 2014

## Technical Skills (*Organized by Exposure and Experience*)

- **Application Development** – Java, C#, VB.NET, Python, C++
- **Web Development** – JavaScript (React.js, Vue.js), REST, CXF, HATEOAS, HTML/CSS, PHP
- **Mobile Development** – Android/iOS using Java, C#, IntelliJ IDEA, Xamarin
- **Cloud** – Docker, Amazon Web Services, Microsoft Azure
- **Authentication/Authorization** – CAS, SSL, HTTP Basic, Two-Factor, OAuth 2.0
- **Application Server** – Apache Tomcat, Java Servlets, NodeJS
- **Spring** – Framework, Boot, MVC, Cloud, Security
- **Build Management** – Maven, Ant, Jenkins, Gradle
- **Version Control** – GIT, Subversion
- **Databases** – SQL Server (2012/2008), MySQL, MongoDB, PostGres
- **Operating Systems** – Windows 10, RHEL 7, Ubuntu, Windows Server 2016, Mac OS X

## Experience

### Software Engineer, Tapestry Solutions, North Charleston, SC (September 2015-Current)

- Build a cloud-based PaaS system infrastructure using OS virtualization and custom Docker containers
- Participate in architecture/engineering discussions and software development during the modernization of a large monolithic application to a containerized, microservice-based SOA.
- Full-stack development of aesthetic web applications using React, Java, HTML/CSS, and Spring
- Engineer and maintain API for applications using REST endpoints in a CXF configuration
- Engineer and maintain software applications using Java and C# for military delivery
- Work with a design team to propose high-level and low-level software design, functionality, and security

- Agile SCRUM development on Boeing's inventory and MRO system
- Vigorous black-box testing prior to merging, often with 100% coverage requirements
- Maintain a GitLab version control repository for team use

**Systems Analyst**, Scientific Research Corporation, North Charleston, SC (May 2013-September 2015)

- Build, update, and document Windows and Linux client/server systems at various classification levels
- Develop and maintain software applications using C# and VB.NET in Visual Studio under Department of Defense contracts.
- Solely responsible for full software development lifecycle, from requirements to maintenance, of several small applications
- Write utilities in JavaScript, VBScript or AutoIt to integrate as system tools
- Maintain a Subversion version control repository for team use
- Various Host Based Security System (HBSS) Administration duties

**Software Developer**, T-Metrics, Charlotte, NC (July 2012 – September 2012)

- Developed a speech recognition platform using VB.NET and Microsoft Speech Platform