

# RONALDA JOHNSON

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## SUMMARY

Aspiring Data Scientist with a Master's degree in Data Science and a strong foundation in Python, SQL, and R. Experienced in designing systems and developing predictive models through hands-on projects and coursework. My background in software development fosters adaptability and strategic thinking, enabling me to approach data-driven decision-making with a strong technical mindset. Continuously expanding my expertise through independent research, certifications, and practical applications. Passionate about leveraging data science to solve complex challenges and uncover actionable insights.

## CERTIFICATIONS

Machine Learning Certificate, Cornell University, December 2024

## EDUCATION

**Master of Science, Data Science**, Merrimack College, North Andover, MA, December 2019

**Bachelor of Science, Computer Engineering**, University of Oklahoma, Norman, OK, December 2007

## HONORS AND ACHIEVEMENTS

**Google's Tech Equity Collective – Tech Prep Rising Innovator**

**2025 Women's Brain Health Hackathon Participant**

## KEY SKILLS

**Programming & Development:** Python, R, C#, Java, Go, JavaScript, SQL, GraphQL

**Data & Analytics:** Machine Learning, ETL/ELT, Feature Engineering

**Collaboration:** Agile development, Cross-functional teamwork, Stakeholder communication

**Cloud & Big Data:** Google Cloud (Big Query, Storage), Apache Kafka

**Tools:** GitLab, Control-M, Tableau, SSIS, SSRS, REST API

**Methodologies:** Supervised/Unsupervised Learning, Clustering (k-means, DBSCAN), Regression Analysis

## PROFESSIONAL EXPERIENCE

**UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)**, San Antonio, TX

**September 2017 - Present**

**Software Engineer I**

- Led the transformation of USAA's mortgage digital experience as a senior developer, providing technical leadership in software architecture, design, and implementation.
- Spearheaded the migration of a legacy Java-based SOAP service to a modern serverless API using AWS Lambda and Go, enhancing scalability and reducing operational costs.
- Architected and deployed a robust API routing system, enabling efficient access to customer loan and property data across multiple services.
- Designed and implemented Kafka-based solutions for reliable data ingestion and storage, managing user data and documents across databases and storage systems.
- Directed a department-wide code quality initiative, establishing metrics and standards that significantly reduced post-deployment defects.
- Provided mentorship and technical guidance to development teams, ensuring alignment with best practices and project goals.

**Key Technologies:** C#, Java, Go, SQL, GraphQL, Kafka, REST API, Spring Batch, GitLab, AWS Lambda, Ctrl-M

**CST BRANDS (FORMERLY VALERO ENERGY RETAIL),** San Antonio, TX

**June 2012 – September 2017**

***I/S Specialist - .Net Developer (2015)***

***I/S Analyst – SharePoint Administrator & Developer (2012)***

- Developed user-friendly, cross-platform mobile applications using .NET MVC 5, C#, and jQuery, improving accessibility and engagement.
- Designed secure web services to transfer retail POS data to SQL databases, ensuring reliable, scalable data exchange.
- Implemented ETL processes with SSIS, streamlining data integration across multiple platforms.
- Created and maintained SSRS reports, optimizing data insights for business decision-making.
- Partnered with stakeholders to gather requirements and deliver scalable features aligned with business goals.

**Key Technologies:** ASP.Net, MVC 5, C#, HTML, CSS, jQuery, jQuery Mobile, JSON, Ajax, Bootstrap, SQL, Entity Framework, LINQ, TFS, Visual Source Safe, XSLT, XML, PDF Share Forms, SAP Portal, SSIS, SSRS, Web Services and Azure.

**BOOZ ALLEN HAMILTON,** San Antonio, TX

**July 2011 – June 2012**

***Senior Consultant***

- Designed scalable SharePoint 2007 solutions to track US Army soldier training, enhancing efficiency.
- Refactored 80% of custom web parts in VB.Net, reducing bugs and improving performance.
- Optimized SQL procedures, achieving up to 90% faster database processing times.
- Developed a custom web part to manage trainee data across US bases, handling large datasets.
- Authored technical documentation to streamline onboarding and enhance team efficiency.

**Key Technologies:** ASP.Net, VB.Net, AJAX, JavaScript, HTML, CSS, WCF, ESRI Shapefiles, Silverlight, SQL, LINQ, and NHibernate.

**BAE SYSTEMS,** Austin, TX

**January 2008 – April 2011**

***Software Engineer II (2010)***

***Software Engineer I (2008)***

- Built a GUI in C and OpenGL for real-time video management, enhancing usability and interaction
- Resolved third-party integration challenges, ensuring system performance and reliability.
- Developed ASP.Net web applications with C# and SQL, improving internal workflows and security.
- Delivered training and marketing support at Ft. Irwin's National Training Center, contributing to securing new business contracts.

**Key Technologies:** SharePoint, C, OpenGL, C#, ASP.Net, HTML, CSS, ADO.Net, and SQL