

# ROBERT PRESEAU

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## SKILLS OVERVIEW

**Professional Use:** T-SQL, Windows, SSIS, PowerShell, VB.NET/Visual Basic, HTML

**Educational Use:** R/RStudio, Power BI, Spark, Tableau, Azure AutoML, Python, Azure ecosystem, AWS ecosystem

**Hobby/Project Use:** Hadoop, TensorFlow, Arrow, OpenCV, Google Cloud Text To Speech, Docker, Linux, MacOS

## EDUCATIONAL EXPERIENCE

*M.S., Data Science - Rochester Institute of Technology*

Coursework Projects (available on GitHub)

- ❖ Capstone - Identified if Spotify users would skip songs based on their previous listening activities
- ❖ Time Series Analysis - Predicted sporting event attendance utilizing web-scraped data
- ❖ Data Exploration - Identified American Sign Language handshapes using machine learning techniques
- ❖ Visual Analytics - Visualized graffiti incidents as recorded by NYC's 311 system.

*B.S., Telecommunications - Michigan State University*

## PROFESSIONAL EXPERIENCE

**FUNDRIIVER** Manager, SQL Services (2018 - Present) | SQL Specialist (2018)

- ❖ Develop T-SQL solutions to facilitate import/export of financial information based on project specs
- ❖ Maintain legacy custom SQL solutions, creating documentation for processes, code, and/or structure
- ❖ Ensure developers are conforming to organizational and industry best practices through code reviews, educational sessions, and performance reviews
- ❖ Reduce reliance on one-off solutions, including code refactoring and redesign
- ❖ Promoted to Manager role within six months of joining the organization

**THOMSON REUTERS** Senior Software Engineer (2016-2018) | Software Engineer (2012-2016) | Web Services Administrator | Product Support Representative

- ❖ Created complex T-SQL queries in accordance with client project specifications
- ❖ Identified patterns for large datasets (>1M files) to facilitate migration into document management system
- ❖ Designed end-to-end SSIS|SSRS solutions to facilitate ETL and reporting
- ❖ Mentored junior developers through on-going technical training and code reviews
- ❖ Developed PHP-based DNS project management system
- ❖ Subject Matter Expert for Support and Sales representatives on technical issues

## CERTIFICATIONS, CONTINUING EDUCATION & COMMUNITY INVOLVEMENT

**2020** Professional Association for SQL Server Data Science Virtual Group Administrator | SQL Saturday: Tampa

**2019** satRDay: Chicago | SQL Saturday: Tampa, Miami, Nashville

**2018** Microsoft Professional Program (MPP) for Big Data | Data Science ATL | SQL Sat: Tampa, Miami, Jacksonville, Indy

**2017** Microsoft Certified Solutions Expert (MCSE): Data Management and Analytics | SQL Saturday: Orlando

**2016** SQL Saturday: Tampa, Orlando