**Ryan S. Russon**

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[GitHub](https://github.com/rsrusson?tab=repositories) | [LinkedIn](https://www.linkedin.com/in/ryan-russon-99b753270/)

**EDUCATION**

***Master of Science in Data Analytics*** 2024

Western Governors University,Millcreek, UT

***Bachelor of Science in Computer Science*** 2023

Western Governors University,Millcreek, UT

***Bachelor of Applied Science in Emergency Services Management*** 2018

Utah Valley University,Orem, UT

**RELEVANT APPLICATIONS**

* S&P 500 Machine Learning Forecaster: Python/Pandas/Streamlit/Sklearn/Yfinance

<https://github.com/rsrusson/Machine-Learning-S-P-Forecaster>

* Scheduler Manager: Java/MySQL/FXML <https://github.com/rsrusson/Scheduler-Application>
* Shipping Optimization Router: Python/Pandas/Excel <https://github.com/rsrusson/TravelingSalesmanShippingOptimization>

**PROFESSIONAL SUMMARY**

* Critical Care Firefighter Paramedic with 7+ years of professional experience combining problem solving, troubleshooting, and triaging skills to provide high quality emergency medical care and hazard protection in high stress, dangerous environments
* Active technical learner, strengthening skills in computer science, software engineering, software development, data analysis, web development, application development, and web services
* Organized and detail-oriented, excellent at remaining calm while finding and applying solutions to complex problems in intense situations
* Adaptable and quick learner dedicated to continuous learning and highly skilled at learning from mistakes to guide successful future endeavors

**CORE COMPETENCIES**

* Software Engineering
* Problem Solving
* Leadership
* Communication
* Python
* Java
* Javascript/Typescript
* SQL
* REST API
* React
* Spring Boot
* Object Oriented Programing

**PROFESSIONAL EXPERIENCE**

**Draper City Fire Department,** Draper, UT 2018 – Current

*Firefighter Paramedic*

* Obtained Flight Medic and Critical Care certifications to better facilitate safe transportation of extremely critical, high-risk patients that require higher levels of medical knowledge and care
* Led the implementation of training to create a baseline understanding for all Firefighter Paramedics on how to properly sedate, medicate, and ventilate critical patients
* Created an educational flowchart to ensure all new Firefighter Paramedics were trained on standard operating procedures and standardized reference materials to be used as a quick resource in critical situations