

## JEFFERY A. BROWN

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Certificate in Data Science, MBA, MSEE, BSEE



### DATA SCIENTIST

Leadership | Machine Learning | Data Analytics and Visualization | Agile / Lean | Results

#### Who I Am

Engineer and technical leader with 15+ years of experience in the Telecom industry combined with certification and professional development in Data Science.

#### What I Do

Increase business and organizational effectiveness through exploration and analysis of data, application of artificial intelligence, and partnership with technical and business decision-makers to deliver business solutions.

#### Areas of Expertise and How I Add Value

Experience analyzing wireless telecommunications system performance and functional behavior combined with Data Science knowledge to make data an ally of the business:

- **Data Exploration, Analysis, and Visualization** using tools and techniques that match the need, including Python, Microsoft Power BI, Tableau, Microsoft Excel Visual Basic for Applications (VBA), JavaScript, and more.
  - **Reduced data preparation time by 50%** by developing **Excel Visual Basic for Applications** code and **Power BI** visualizations to facilitate management and tracking of test progress and status.
  - **Completed Northwestern University Certificate in Data Science**
- **Build Predictive Models** to improve decision-making using artificial intelligence, including machine learning
  - Applied **Artificial Intelligence** to classification of 3662 retinal images for stages of diabetic retinopathy, a disease which can lead to blindness (Kaggle.com competition: "APTOS 2019 Blindness Detection")
  - **Coursera Deep Learning Specialization – In Progress**
- **Foster a Collaborative Environment** by establishing formal and informal networks for sharing information, including use of collaboration tools, in-house tutorials, formal training, etc.
  - Promoted collaboration using Microsoft SharePoint, OneNote, and other resources, including **development and delivery of webcasts / in-class tutorials to 120+ colleagues/employees**
  - **Expanded the knowledge of 70+ continuing education students by teaching computer classes**
- **Apply Agile and Lean Methods** to team activities to increase visibility and alignment at all levels, and to provide a foundation for sustainable performance
  - Transformed customer dissatisfaction into an improved customer relationship through implementation of Lean methods in resiliency testing, **improving responsiveness by 50+%**

#### Target Companies

- **Information Technology and Services, Defense:** Northrop Grumman
- **Healthcare:** Blue Cross Blue Shield, GoHealth, Vizient, Sg2
- **Bio-Sciences, Pharmaceuticals, Agri-business:** Ecolab, Tempus
- **Insurance, Risk Management, Financial:** Gallagher Basset, Bank of America, Allstate
- **Food Services Industry:** McDonalds, Grubhub
- **Transportation:** Ship.Cars USA, Navistar
- **Retail / Other Business Operations:** Sears

Project Portfolio:

[https://daddyjab.github.io/Jeffery\\_Brown\\_Portfolio](https://daddyjab.github.io/Jeffery_Brown_Portfolio)

