**JEFFERY A. BROWN**

Project Portfolio:

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

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Description automatically generated](https://daddyjab.github.io/Jeffery_Brown_Portfolio/)

**Certificate in Data Science, MBA, MSEE, BSEE**

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**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 professional development and certification 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.

**How I Add Value through Areas of Expertise**

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*
  + ***Coursera Deep Learning Specialization – In Progress***
* **Foster a Collaborative Environment** by establishing formal and informal networks for sharing information, including effective written and oral communications, use of collaboration tools, 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***
  + ***Empowered 80+ people on 4 teams*** *to discuss corporate employee engagement survey results and develop action plans for each of 2 years,* ***improving teamwork and alignment****.*
  + ***Expanded the knowledge of 70+ continuing education students*** *by teaching computer classes*
* **Apply Agile and Lean Methods** to team activities, increasing visibility and alignment at all levels and providing 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
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* **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