

## Contact

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(LinkedIn)

[www.nokia.com](http://www.nokia.com) (Company)

[www.dupageamec.org/](http://www.dupageamec.org/) (Other)

## Top Skills

Python (Programming Language)

Telecommunications

Integration

## Certifications

Certified SAFe® 4 Agilist

Certified SAFe® 4 Product Owner/  
Product Manager

# Jeffery Brown

Applying Technical Leadership, Experience, Tools and Techniques  
to Real World Challenges

Carol Stream, Illinois

## Summary

I am a successful engineer and leader of technical teams, and I'm passionate about leveraging technology to improve how people get things done. My goal is to apply my knowledge, experience, and enthusiasm to a role in Data Science and Analytics.

I love being at the intersection of data that's available to us and people who have decisions to make -- a space where I can working creatively to organize, analyze, and share information that makes a difference. It might require learning new tools or methodologies for data gathering or analysis, getting a team collaborating using a shared repository, scripting something in VBA to solve some quick-turn need, boiling down findings to a concise meaningful presentation, or teaching others helpful tips and tricks.

My experience as an engineer, manager, and technical project leader, combined with my education of B.S. and M.S. Electrical Engineering, Masters of Business Administration, and certification in Agile, has given me good perspective on both technical and business factors. Through the Northwestern University Data Science Certification Program, I'm gaining experience with Python, SQL and noSQL databases, JavaScript, and many data analysis and visualization extensions, and machine learning. It's become clear to me that Data Science and Analytics is a new name for what I have sought to do throughout my career!

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## Experience

Nokia

Test Release Manager, Mobile Networks

May 2016 - Present

Naperville, Illinois

Leading Nokia Mobile Networks end-to-end validation testing selected 4G and 5G releases, including testing focused on top mobile network service providers

in the U.S. Working across global organization boundaries to guide our local organization test strategy and lead implementation to expose and remove product defects.

### College of DuPage

Adjunct Faculty, College of DuPage Continuing Education Program  
2017 - Present

Glen Ellyn, Illinois

Build the knowledge of Continuing Education students by teaching computer classes, including Microsoft Office applications such as Excel, PowerPoint, Word, Access, Outlook, and OneNote

### Alcatel-Lucent

31 years 7 months

Wireless Network Level Validation Capacity, Performance, and Resiliency (CPR) Test Leader

October 2011 - May 2016 (4 years 8 months)

Naperville, Illinois

Built and guided teams of engineering professionals to improve product quality and customer satisfaction through evaluation of LTE network performance from a customer-perspective using state-of-the-art tools and techniques.

Led call load testing, including validation under high load and overload conditions, resiliency of the E2E network to faults and various adversarial conditions, and stability of the network over time. Introduced Lean (Kanban) to improve flow and testing effectiveness. Introduced Agile methods (Scrum) to Automation/Tools development, improving responsiveness to organization needs. Developed Excel VBA based templates and tools for improving the efficiency of teams and the org in evaluation of test results, management of resources and staffing, etc.

Wireless Plans and LTE RAN System Validation Manager

July 2000 - September 2011 (11 years 3 months)

Ensured common network platform and LTE RAN products met the demanding expectations of our customers through direct engagement with global development teams and 3rd party vendors, with both directly and as manager of a team of technical professionals.

Network Services Verification Co-Leader

August 1994 - June 2000 (5 years 11 months)

Co-led a team of engineers providing integration and verification of adjunct-enabled services for a lead telecommunications service provider and Fortune 500 company.

Distinguished Member of Technical Staff and Member of Technical Staff  
November 1984 - August 1994 (9 years 10 months)

Led HW redesign of proprietary voice and data functionality into a lower cost, higher performance product based upon industry standard platform. Applied best practices to improve software quality. Verified new features and enhancements for human-machine interface systems for speech-recognition-based operator services systems.

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## Education

Northwestern University

Certificate, Data Science · (2018 - 2019)

Illinois Institute of Technology

MBA, Business Administration · (1992 - 1994)

Rensselaer Polytechnic Institute

MS, Electrical Engineering · (1986 - 1987)

The Ohio State University

BS, Electrical Engineering · (1981 - 1985)

Archbishop Hoban High School

High School Diploma · (1977 - 1981)