Jeffery A. Brown

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LinkedIn: https://www.linkedin.com/in/jefferyabrown | Portfolio (GitHub): https://daddyjab.github.io/Jeffery_Brown_Portfolio

CAREER SUMMARY

Successful engineer and leader of technical teams. Passionate about learning and leveraging technologies to improve how people get things done. I love being at the crossroads of people who have decisions to make and data that's available to us – a space where I can work creatively to organize, analyze, and share information that makes a difference!

SKILLS

Technical

- Python (Pandas), Excel Visual Basic for Applications (VBA), Tableau, Power BI, R, Machine Learning, Deep Learning, Big Data, SQL Databases (PostgreSQL, MySQL, SQLite), NoSQL Databases (MongoDB), Extract/Transform/Load (ETL), Web Scraping (BeautifulSoup, Splinter), APIs (JSON), Visualization (JavaScript, D3, Leaflet, HTML, CSS, Bootstrap, Flask), Heroku

Business, Interpersonal

- Experience with all phases of the Software Development Life Cycle, Managing Agile/Lean projects, Certified SAFe® 4 Agilist and Product Owner/Product Manager, Coaching/Developing/Leading Technical Teams, Working Effectively with Customers, Vendors

PROJECTS

GeoTweet – *Python, PostgreSQL, ETL, Flask, Heroku, JavaScript/D3* | GitHub | Visualization (Heroku)
Full-stack interactive dashboard of Twitter Trends to aid political analysts

- Worked in a small team to retrieve trending Twitter terms and correlate with state demographics. Implemented database and API backend using Python, Pandas, Flask, SQLite, Postgres, and deployed using Heroku. Also implemented selected demographics charts using Javascript, D3, and Plotly.

CitiBike – *Python, Tableau* | GitHub | Visualization (Tableau)
Analysis and Visualization of CitiBike Usage in the Jersey City Area

- Worked independently to explore and analyze CitiBike usage and summarize key findings. Used Python (Pandas) to explore CitiBike datasets and prepare them for analysis. Performed analysis and implemented reports and dashboard using Tableau. Published summary on Tableau Public

EXPERIENCE

Release Leader – *Nokia (Naperville, Illinois)*   May 2016 – Present

- Working across organizational boundaries to lead customer-specific end-to-end validation testing for 4G and 5G releases. Developed Excel VBA applications and Power BI visualizations to facilitate tracking and management of test progress, reducing data preparation time by 50%.

Adjunct Faculty – *College of DuPage (Glen Ellyn, Illinois)*   2017 – Present

- Growing the knowledge of Continuing Education students by occasionally teaching computer classes, including Microsoft Office applications (Excel, PowerPoint, Word, Access, Outlook, and OneNote)

Other Experience – *Nokia (Naperville, Illinois)*   Nov 1984 – May 2016

- Test Manager for Capacity, Performance, and Resiliency (CPR), Network Services
- Distinguished Member of Technical Staff for SW testing, SW tools, HW Design

EDUCATION

Northwestern University (Chicago, IL) – Certificate in Data Science   2019
Intensive 24-week Data Science Boot Camp providing hands-on learning, with application of data exploration, analysis, and visualization tools and techniques to real-world analytical challenges

Illinois Institute of Technology, Stuart School of Business (Chicago, IL)   1994
– Master of Business Administration

Rensselaer Polytechnic Institute (Troy, NJ) – M.S. in Electrical Engineering   1987

The Ohio State University (Columbus, OH) – B.S. in Electrical Engineering   1985