**John Lingo** 2220 NW 56th Street, Oklahoma City, OK 73112

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DATA SCIENCE PROFESSIONAL

Over 15 years of experience in unearthing stories hidden in data and communicating those stories in a highly effective manner to all levels of an organization to improve business outcomes.

PROFESSIONAL EXPERIENCE

**Engineering Manager** May 2008 – Present

*Neubloc – Contract Engineering Organization* Oklahoma City, OK

Primary Client Liaison for Embedded Firmware Development Projects (current focus)

* Developed Machine Learning models (LSTM, KNN, Decision Tree, SVM) to support automation of client’s firmware failure “triage” process – exceeded accuracy of client’s human-driven process (see [portfolio](https://github.com/John-Lingo/About-Me/blob/main/John%20Lingo%20-%20Portfolio.pdf)).
* Mined client data to accurately assess the costs of developing code at multiple worldwide development locations (representing both Neubloc and client teams) – demonstrated that Neubloc’s development resources represent a highly cost-effective option for delivering the client’s products (see [portfolio](https://github.com/John-Lingo/About-Me/blob/main/John%20Lingo%20-%20Portfolio.pdf)).
* Created / delivered (to clients’ upper management) presentations that conveyed the key contributions of Neubloc’s domestic and European development teams in a vivid and accessible manner – these presentations led to Neubloc achieving significant organization growth (~5X overall) across multiple clients.

Manager – Performance and Reliability Features (earlier focus)

* Personally developed numerous data visualization tools (see [portfolio](https://github.com/John-Lingo/About-Me/blob/main/John%20Lingo%20-%20Portfolio.pdf)) to provide firmware designers with insight into the causes of product performance issues, and to help designers connect those issues to specific areas of the product source code.
* Utilized these visualization tools to convey performance issues / fixes / enhancements to Neubloc’s clients’ management stakeholders in a meaningful and accessible manner, giving them the assurance that these issues were both fully understood and accurately addressed.

EDUCATION / TRAINING

IBM Professional Certification in Data Science ([certificate](https://www.coursera.org/account/accomplishments/professional-cert/KKRMLBSCKJHQ)) August 2023

Bachelor of Science in Electrical Engineering University of Oklahoma (GPA 4.0/4.0)

* Coursework included 24 credit hours of Computer Science and 31 credit hours of Mathematics ([transcript](https://github.com/John-Lingo/About-Me/blob/main/John%20Lingo%20-%20Transcript.pdf))

KEY SKILLS / ATTRIBUTES

* Python programming for data acquisition (e.g., Selenium, JiraOne), processing (e.g., Pandas, NumPy, BeautifulSoup), visualization (e.g., Matplotlib, Seaborn, Folium, Plotly / Dash), and Machine Learning (e.g., Scikit-Learn, TensorFlow), SQL
* Microsoft Office toolchain (Outlook, Word, Excel, PowerPoint)
* Oral and written communication, including public speaking
* Perseverance and analytical insight
* Willingness and ability to learn