**Ernest Keme**  (651) 528-0967 | ernestkeme@gmail.com | Shakopee, MN

**Executive leadership in data science/ANALYTICS**

**Extensive experience in building mature business analytics and intelligence in organizations, Machine Learning,**

**Deep Learning, Data Mining, and Visualization to support businesses’ strategic decisions.**

Competent, accomplished, and results-oriented Executive Data Scientist with over 12 years of demonstrated experience in Leadership, Planning Data Science Projects, Building and Managing Data Science Teams, Machine Learning, Deep Learning, Data Extraction, Data Modelling, Data Wrangling, Data Mining, and Data Visualization. Dedicated professional with a well-earned reputation for transforming companies into data-driven organizations, finding, analyzing, and predicting patterns in data using advanced statistics, mathematics, and programming tools. Ensuring technical and functional findings meet client business requirements. Strong written and verbal communication with English and French multi-lingual capabilities.

**CORE COMPETENCIES & SOFTWARE EXPERIENCE**

|Statistics |Mathematics |R|Python: NumPy, SciPy, Pandas|TensorFlow| Postgres| MATLAB| Anaconda |SQL |Tableau| Oracle 10g|Access | Sybase | Raiser’s Edge | Server 2016 | JDBC | Visio | Apache HTTP Server | Java XML |Windows | Linux & |UNIX **|** ART |Remedy | Pac2000 | SAP | SQL | SAS | Data Warehousing | CRM

| Macintosh | Windows & UNIX | SSIS | SSRS | MOSS

**PROFESSIONAL EXPERIENCE**

**director, Data science** *Lighthouse Commodities* |Bismarck, ND May 2020-Present

Working as Data Science Director, collaborating with the organization’s CEO and senior executives to develop and deploy advanced organization’s data visions and product roadmap that contribute to 39% of the company revenue.

* Transform the company into a data-driven organization, develop data science strategic visions and roadmap
* Lead a multidisciplinary team in advancing the use of quantitative methods to provide insights that maintain, improve, and transform operational activities and decisions
* Develop, implement, and lead an analytics research unit called Lighthouse Labs
* Reinforce long-term strategy across a cross-functional team
* Coordinate data science product development, program management, algorithms governance, enterprise platform, and machine learning engineering
* Develop, build, and deploy into production models that have supported more than $1 billion in grain sales
* Develop algorithms that help farmers and grain marketing firms confidently make business decisions by instantly determining whether to sell, hold or buy a commodity

**sEnior LEAD Data SCIENTIST***InData Labs* |San Francisco, CA Aug 2015 - 2020

Served as Lead Senior Data Scientist, played a major role in managing the data science team, planning projects, developing, and maintaining statistical and machine learning models that mine, analyze and turn data into meaningful insights that contribute to 22% customer base growth.

* Created output to explain data analysis, data visualization, and statistical modeling to stakeholders
* Ensured data mining, data cleaning, data collection, models development, validation, and visualization
* Managed data science projects from business requirement analysis to solutions delivery and support.
* Enhanced stakeholders’ understanding of data insights s by conducting pre-implementation workshops, delivering group and individual training sessions, and creating user-friendly training materials.
* Contributed to 20% revenue growth by generating accurate predictions, enabling sales and support staff to rapidly respond to customer requests.

**SENIOR Data ANALYST** *InData Labs* |San Francisco, CA Aug 2012 – 2015

**EDUCATION** **& Training**

**Saint Mary’s University, Minneapolis, Minnesota. In progress**

**Doctor of Business Administration**

**Augsburg College, Minneapolis, Minnesota. June 2014**

**Master of Business Administration (MBA)**

**University Paris-Dauphine, Paris, France. June 2000**

**Master of Science in Computer Science**

**University of Lomé, Lomé, Togo -** 1998

**Bachelor of Science in Statistics**

**Data Science Workshops:**

**Stanford University, January 2017**

**Certificate in Machine Learning by Prof. Andrew Ng,**

**Certified Scrum Master (CSM). Scrum Alliance**