

MOUSSA IBRAHIM SANOU
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<https://moussa-sanou.github.io/MyPortfolio/>

Education

University of St. Thomas – St Paul, MN Major: Master of Science, Software Engineering Graduate Certificate in Business Analysis Graduate Certificate in DevOps	Expected Graduation	May 2022
Minnesota State University – Mankato, MN Major: Bachelor of Science, Economics		May 2018

Internship and Work Experience

Bilingual Implementation Consultant – Configuration Specialist Ceridian – Bloomington, MN <i>Software Development & Human Capital Management</i> <ul style="list-style-type: none">Develop SQL database scripts and XML transformers for integrations and interfaces.Conduct consulting sessions and document customer business requirements using NETSUITE (Oracle).Analyze and evaluate customers' business needs and translate them into Ceridian system specifications using HTML base programming language.Assist customer and third parties' partners to access cloud base data-sharing platforms using SaaS understanding.Facilitate the collaboration between different teams and provide guidance to associate consultants.Implement, manage, and design continuous integration, write and manage SQL Scripts.	Jun 2018 – Sep 2021
Undergraduate seminar research – Economics Research Minnesota State University, Mankato, MN <i>Education</i> <ul style="list-style-type: none">Developed a linear regression model to analyze the impact of Education on Economic Growth in Sub-Saharan Africa.Collected data from 16 countries over 20 years period using the World Bank as my main data source.Performed various data cleansing and data transformation techniques such as data imputation, renaming variables, and VLOOKUP using MS Excel to get the data ready for analysis.Test the stationarity of the data using the LEVIN-LIN-CHU unit root test to confirm that we had enough evidence to support our alternative hypothesis.Created an algorithm using a multiple linear regression model to predict the growth per capita using education, Life expectancy, and growth data using STATA.Analyzed, interpreted, and presented the result outputs to an audience of 20 professors from the College of Business and Social and behavioral science departments using scatterplots and various other charts.	Jan 2018 – May 18
Data Analyst– Risk Management Bankers Financial Corporation (Van Wagenen)– Eden Prairie, MN <i>Mortgage & Loan Services</i> <ul style="list-style-type: none">Coordinated data mining and modeling in collaboration with customers' representative departments to create a chart with insurance coverage protecting clients' mortgages and loans.Collected statistical data, developed a matrix identifying risky behavior with a possible effect on loan and mortgage security.Utilized data warehousing programs (VISTA), SQL for data intelligence and data analysis to developed marketing strategies and enhance customers' experience.Worked collaboratively with different departments in identifying areas of improvement using metrics performance instruments.Relationship agent with the French-Canadian department in translating, modeling data for marketing modeling.Worked on complex statistical projects developing linear empirical mathematical models for future market prediction.	Apr 2017 – Oct 2017
Technical Support Representative – Customer Support Trimble Company (Peoplenet)– Minnetonka, MN <i>Software Development & Big Data Center</i> <ul style="list-style-type: none">Collected, analyzed, and displayed data in a manner appealing to a wider audience use.Developed mathematical and statistical models (chart, matrix, simple regression) in collecting customer data in regard to the use of software developed and managed by Trimble.Partnered with IT on a data accessibility project which consisted of a platform, to enhance the ability for all departments to quickly access troubleshooting steps taken in assistant customers with technical issues faced using our software in the Databank.	Jan 2016 – Aug 2016

- Identified areas of process improvements for project/program delivery and suggest new ideas to allow our department to be more effective and save time.
- Assisted with the development of large/complex strategic business efforts across multiple lines of business.
- Worked with different levels of management to gather business requirements and associated documentation for business model changes, communication, and change management strategies.

IT Specialist – Technical Services

Jan 2015 – May 2018

Minnesota State University, Mankato, MN

Education

- Responsible for technical reports, installation, and maintenance of structured cabling, ethernet, and WIFI management.
- Demonstrated proficiency using multi-media platforms, adaptations, troubleshooting, and networking devices for different buildings of the University.
- Worked closely with customers identifying needs, proposing technical setup schemes in resolving customer-facing problems
- Maintained accurate and readable records of technical problems and attempted solution procedures used.
- Managed and maintained content on our Microsoft Windows desktop sever to allow the flow of information to decision-makers so that they can be aware of all issues in the university and act proactively.
- Developed expertise in the area of data entry, data cleaning, data visualization using MS Excel.

Additional Professional Skills

- Proficient in Microsoft Office including Excel, Word, PowerPoint, and Outlook.
- Proficient in HTML, Java, C++, Python
- Exposure to SQL, jQuery
- Experience in using ADOBE: Photoshop and video editing.
- Language Skills: French and English