
EDUCATION

W. P. Carey School of Business at Arizona State University

August 2024 – May 2025

Master of Science in Artificial Intelligence in Business

Tempe, Arizona

- Relevant Coursework: AI in Business Strategy, Machine Learning, Data Analytics, Business Intelligence, Python

Sabaragamuwa University of Sri Lanka

June 2014 – July 2018

Bachelor of Arts (Hons) in Statistics

Belihuloya, Sri Lanka

- Relevant Coursework: Probability Theory, Statistical Computing, Data Analysis, Econometrics
- GPA: 3.85/4.0

PROFESSIONAL EXPERIENCE

Data Scientist / AI Acceleration Analyst

Enterprise Technology, Arizona State University | Tempe, Arizona

August 2024 – Present

- Developed machine learning models using TensorFlow and PyTorch for predictive analytics, to increase forecasting accuracy.
- Employed Natural Language Processing techniques to analyze unstructured data, improving customer sentiment analysis.
- Designed real-time dashboards using Tableau and Python, enhancing collaboration for cross-functional teams.

Software Engineer

Asigma Capital Advisory Services Ltd | Kampala, Uganda

March 2022 – June 2024

- Developed and executed automated Python Extract, Transform & Load (ETL) pipeline, reducing manual workload by 60%.
- Built a data migration app in Streamlit that streamlined database migration operations and increased productivity by 70%.
- Modeled and developed an agricultural linkages' application using C#, ReactJS and SQL, improving app performance by 40% and supporting 20,000+ farmers gain access to premium markets.
- Designed and built Power BI dashboards for a 5-year \$20 Million-dollar fund facilitating data driven decisions and empowering 60,000+ businesses recover from the impacts of COVID 19.

Business Intelligence Analyst (Remote)

ELL Technologies, Canada

December 2021 – February 2022

- Engineered a dynamic, parameterized Looker Studio dashboard that serves personalized data to 100+ clients across 3 continents by leveraging user authentication, eliminating the need for individual dashboards and reducing maintenance overhead by 90%.
- Optimized SQL database performance through indexing and query tuning, leading to an 80% reduction in response times.

Business & Data Analyst

Asigma Capital Advisory Services Ltd | Kampala, Uganda

November 2019 – March 2022

- Developed advanced digital cost tracking tools using SQL and Looker Studio for USAID's Feed-the-Future (FtF) IAM program, increasing production optimization by 20% for over 20 businesses helping them raise \$1.5+ million in funding.

PROJECT EXPERIENCE

- **Image Classification App:** Created a deep learning model for image recognition with 95% accuracy, deployed on Streamlit.

SKILLS & ACTIVITIES

- **Programming Languages:** Python, R, C#, SQL, ReactJS, ASP.Net, Blazor, Fluent UI
- **Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-learn
- **Data Visualization:** Tableau, PowerBI, Looker Studio, Matplotlib, Seaborn, Streamlit
- **Cloud Platforms:** Google Cloud Platform, AWS, Microsoft Azure
- **Big Data Technologies:** Hadoop, Spark, Hive
- **Other:** Statistical Modeling, Natural Language Processing, Deep Learning, A/B Testing, ETL, Git, DevOps

CERTIFICATIONS

- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: Azure Developer Associate

AWARDS & HONORS

- Mastercard Foundation 2024 Innovation in Technology Scholarship.