

Kelvin Kamau

Data Scientist | Web Developer | Recent Graduate

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SUMMARY

A detail-oriented Data Scientist and Web Developer with expertise in data analysis, machine learning, and web development. A recent graduate from New York University, with hands-on experience in analyzing large datasets and creating full-stack web applications. Successfully completed an internship at NewYork Design, contributing to both data-driven projects and web development initiatives. Seeking to leverage technical and analytical skills in a challenging role within a forward-thinking organization.

SKILLS

Data Science & Analytics

- Data Cleaning and Preprocessing
- Machine Learning Algorithms (Supervised/Unsupervised)
- Data Visualization (Matplotlib, Seaborn)
- Statistical Analysis
- Python (Pandas, NumPy, Scikit-learn)
- R Programming
- SQL for Database Management
- Data Warehousing
- Big Data Tools (Hadoop, Spark)

Web Development

- HTML5, CSS3, JavaScript
- Frontend Frameworks (React, Angular)
- Backend Development (Node.js, Django)
- API Development & Integration
- Responsive Web Design
- Database Management (MySQL, MongoDB)
- Version Control (Git, GitHub)
- RESTful Web Services
- Cloud Services (AWS, Azure)

EDUCATION

****New York University****

Bachelor's Degree in Computer Science 2022

Relevant Coursework: Data Science, Web Development, Machine Learning, Database Management, Software Engineering

PROJECT EXPERIENCE

1. Predictive Model for Customer Churn**

- Developed a machine learning model to predict customer churn using Python.
- Utilized classification algorithms such as Logistic Regression and Decision Trees.
- Improved the accuracy of churn prediction by 20% through feature engineering and hyperparameter tuning.

2. E-Commerce Website Development

- Designed and developed a fully functional e-commerce website using HTML, CSS, and JavaScript.
- Implemented a backend with Node.js and MongoDB for user authentication, product management, and payment integration.
- Optimized the website for mobile responsiveness and improved page load speed.

3. Data Visualization Dashboard

- Built an interactive data visualization dashboard using Python (Dash and Plotly).
- Analyzed and visualized sales data to identify trends and present actionable insights.
- Automated data extraction and transformation processes to ensure real-time reporting.

WORK EXPERIENCE

Intern – New York Design**

2022 – 2023

- Assisted in analyzing and interpreting data to provide business insights for design and marketing strategies.
- Collaborated with the web development team to enhance UI/UX design and website functionality.
- Participated in the development of machine learning models for personalized customer recommendations.

CERTIFICATIONS

- Data Science Certification – [New York City College]
- Web Development Certification – [New York Community college]
- Machine Learning with Python – [Bronx College]

TECHNICAL TOOLS

- Programming Languages: Python, R, JavaScript, SQL
- Frameworks: Django, React, Node.js
- Databases: MySQL, MongoDB
- Tools: Git, GitHub, AWS, Azure, Jupyter Notebooks, Hadoop

LANGUAGES**

- English (Fluent)
- French
- Chinese

HOBBIES & INTERESTS

- Exploring advancements in AI and machine learning
- Building and optimizing web applications
- Data visualization challenges and competitions