

# Joab Nyabuto

651-515-4219 | joabonyabuto@gmail.com | linkedin.com/in/joab-nyabuto-404192278

## EDUCATION

### Metropolitan State University

Bachelor of Science in Computer Science

Saint Paul, MN

Expected Graduation – May 2026

### Century College

Associate of Science in Engineering and Computer Science

White Bear Lake, MN

Aug 2021 – May 2024

### Century College

Associate of Science in Computer Information Systems

White Bear Lake, MN

Aug 2021 – May 2024

## EXPERIENCE

### Data Science and AI Internship

Oct 2024 – Dec 2024

Refonte Learning

Dover, UK

- Enhanced data analytics proficiency through Python, statistical modeling, and exploratory data analysis (EDA) to uncover patterns and trends
- Utilized machine learning and deep learning techniques to analyze real-world datasets, extracting actionable insights in finance, retail, and multimedia
- Leveraged Bayesian inference and Tableau for data visualization and model optimization

### Front Desk Assistant

July 2022 – Jan 2023

Century College

White Bear Lake, MN

- Supported students and advisors by troubleshooting computers, resolving technical issues, and assisting with platforms such as Microsoft Teams and Zoom, ensuring seamless virtual meetings
- Answered calls and resolved issues related to computer networks, configuring devices like printers and scanners
- Organized and provided technical support for school events, including MLK Day and movie nights, ensuring smooth execution and a positive experience for participants

### Brand Lab Intern

Jun 2021 – Aug 2021

United Health Care

Saint Paul, MN

- Researched how United Healthcare could utilize technology to add sound to their advertisements
- Collaborated with other interns to discuss insights, data trends, and progress toward research goals
- Utilized Microsoft PowerPoint to present findings and propose recommendations directly to United Healthcare

## PROJECTS

### Web Scraping API Project | Python

Nov 2024 – Dec 2024

- Extracted and parsed structured data from HTML using BeautifulSoup for analytical purposes
- Integrated OpenWeatherMap API to retrieve and process real-time JSON weather data
- Organized and transformed raw data into meaningful formats for clear insights
- Demonstrated skills in data cleaning, API integration, and data presentation

### Data Analysis and Visualization of Housing Market Trends | Python

Nov 2024 – Dec 2024

- Conducted exploratory data analysis to derive insights and visualized trends in a housing dataset
- Utilized Pandas for data cleaning and preprocessing, ensuring a high-quality dataset by handling missing values
- Leveraged Seaborn and Matplotlib to create scatter plots, histograms, box plots, and heatmaps for uncovering relationships and correlations

### Car Dealership Database | SQL

Aug 2024 – Sept 2024

- Designed a car dealership database with tables for Cars, Customers, Salespersons, Branches, and Sales
- Created SQL queries to list available cars by branch and retrieve salesperson sales data
- Developed queries to track customer purchase history for management insights
- Implemented queries to calculate salesperson sales totals and filter cars by price for promotions

## TECHNICAL SKILLS

**Languages:** Java, Python, C, C++, C Sharp, JavaScript, HTML/CSS, SQL, R

**Frameworks/Tools:** VS Code, Tableau, Google Colab, PyCharm, MySQL, NumPy, Matplotlib, Seaborn, Scikit-learn, Pandas, TensorFlow

**Certifications:** MATLAB Onramp, IT Infrastructure and Emerging Trends, Google Data Analytics Professional