Lewis Nikuze

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EDUCATION

Trinity College   Hartford, CT
Bachelor of Science in Computer Science, Minor in Models and Data   Graduated May 2021
- GPA: 3.77/4.0

Georgia Institute of Technology
Online Master of Science in Computer Science   Expected December 2025

SKILLS

Programming languages: Java, Python, JavaScript and SQL
Frameworks and tools: Spring Boot, Angular, Camunda, and Docker
Spoken languages: English, French and Kirundi

PROFESSIONAL EXPERIENCE

Morgan Stanley   *New York, NY*

Technology Associate   Dec 2021 – Present
- Created a Camunda-based orchestration service for the coordination and automation of business processes
- Migrated workflows from Autosys to a modern Camunda-based orchestration service
- Implemented reusable Java components used by the orchestrator
- Developed REST endpoints for enhanced visibility and control
- Troubleshot and resolved production issues ensuring continuous availability and reliability
- Optimized workflows and enhanced operational efficiency by implementing advanced BPMN models
- Integrated existing APIs with Camunda API to streamline data exchange and improve system interoperability
- Helped other teams adopt the best BPMN practices in their workflow designs

Technology Analyst   Aug 2021 – Nov 2021
- Completed 15 weeks of technical training designed for recent graduates at Morgan Stanley
- Reviewed topics including Operating Systems, Programming Fundamentals, DBMS and Data Analytics
- Created a trading application as part of the final project of the training
- Developed a framework for handling real-time updates from different data streams
- Enhanced user experience and responsiveness by implementing a push mechanism for real-time updates
- Integrated reactive streams and WebSockets for real-time data processing and bidirectional communication
- Componentized user interface and service components for reusability and maintainability

Technology Summer Analyst   Jun 2020 – Aug 2020
- Created an Angular user interface for generating compliance reports
- Integrated live data from Power BI Report Server into PowerPoint for presenting real-time information

PROJECTS

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- Designed and developed a food-ordering web application leveraging modern technologies
- Technologies used: Java, MongoDB, Angular and Stripe

Trinity College Firefighting Robotics Contest
- Wrote a program for navigating a maze using Arduino
- Installed sensors and motors on the robot
- Synthesized different parts of the robot using 3D printing