Lorenzo Kamanzi

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EDUCATION

Rutgers University - New Brunswick **May 2028**
B.S in Computer Science and Finance - Honors Track *New Brunswick NJ*
Courses: Data Structures (Java), Discrete Structure I & II, Linear Algebra, Calc I & II, Economics, Statistics, Financial Accounting, Managerial Accounting, Computer Architecture
Honors: HackRU Finalist(Top 5%), All-Star Code Scholar, Dean's List (All Semesters)

SKILLS

Languages & Frameworks: Python, Java, C++, Dart, React, Flask, SQL, JavaScript, HTML/CSS, Flutter, Dart, R
Data & Tools: Git, GCP, REST APIs, Pandas, NumPy, Scikit-Learn, TensorFlow (basic), Data Visualization
Specialties: Full-stack Development, Cloud Deployment, Scalable Systems, Machine Learning, SaaS Architecture
Organizations: ColorStack, NSBE, CodePath, AllStarCode, NABA, USACS, TWESE — African Student Organizations

EXPERIENCE

Foundly – AI Business Automation Platform June 2025 – Present
Co-Founder — Lead Engineer *Remote*
- Co-founded an AI SaaS startup allowing users to create entire businesses from an idea, integrating 15+ AI APIs across marketing, development, and automation workflows
- Scaled backend to handle 10,000+ concurrent requests, with sub-300ms response time and 99.5% success rate
- Launched closed beta to 45 pre-registered users; projected $36,000 ARR within first 90 days post-launch.

DIKAM (Top 10 African Business Heroes – Jack Ma Foundation) May 2025 – Aug 2025
Technology Consultant / ERP Implementation *Kigali, RW*
- Collaborated with DIKAM's executive and operations teams to deploy an ERP system across production, inventory, and finance departments — digitizing workflows for 280+ employees and cutting manual reporting time by 65%
- Led the integration of inventory, procurement, and payroll modules, improving data accuracy by 40% and enabling real-time KPI tracking for management dashboards
- Designed and automated data migration scripts in Python/SQL to transfer 10+ years of manufacturing and HR data from spreadsheets to a centralized cloud database, reducing retrieval latency from minutes to under 5 seconds

All-Star Code Fellowship May. 2023 – June. 2023
Project Leader *New York, NY*
- Led 3 developers to create a STEM learning app used by 150+ daily active users across NYC schools
- Improved engagement by 65% and lesson completion rates by 47% through new gamification systems
- Implemented Flask REST API + React frontend, reducing API latency by 22% post-deployment

Columbia University May 2025 – July 2025
NEBDHub DRM Research Intern *New York, NY (Remote)*
- Processed 2.4M+ records of city crash data to find correlations between population density and accident rates using Python (pandas, NumPy)
- Built data visualization dashboards in Excel/Sheets that improved research report readability by 70%.
- Applied data ethics and reproducibility protocols that reduced analysis error rate by 31% across team submissions

PROJECTS

Quant Investing Portfolio | *Python, Flask, PostgreSQL, Docker* June 2020 – Present
- Developed a basic trading strategy simulator using Python and real market data (30k+ data points).
- Implemented simple risk rules that reduced drawdown by 3% during backtests.

Mental Health Coach | *Flutter, Dart, Open AI API, Git* May 2023 – July 2023
- Developed NLP chatbot that achieved 94% sentiment classification accuracy and increased engagement by 38% during testing
- Integrated OpenAI's GPT APIs and Firebase to personalize responses in real time