# TONY KINYUA

New Haven, CT | (475) 688-1548 **|** munene.kinyua@yale.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**Yale University,** New Haven, CT                                                    September 2021 **-** May 2025
- *BS in Computer Science and Economics*
- *Relevant Coursework:* Data Structures, Systems Programming and Computer Organization, Data Analysis and Econometrics, Discrete Math, Macroeconomics/Microeconomics Analysis, Object Oriented Programming
- *Awards:* Tsai CITY Summer Fellow '23, TAMID '22 Scholar, Dr. Satwant Singh Scholar

## WORK EXPERIENCE

**Tsai Center for Innovative Thinking at Yale,** *Web Developer*, New Haven, CT                    June 2023 – August 2023
- Designed a frontend User Interface (UI) using Velo API for MedPrep AI, an AI-powered insights tool that democratizes access to top-tier medical school admissions consulting, achieving over 1000 users within the first week of release.
- Deployed "like" and "follow" features for Sonadia, a listen-to-earn Patreon for web3 musicians and superfans, leveraging Firebase API and React.js.
- Developed and deployed a responsive UI and Cloud Firestore database backend for Carbon Loop, a Yale-affiliated venture that creates renewable methanol from captured carbon using proprietary technology, using React.js, JavaScript, and CSS.

**Colu Technologies,** *Business Development Intern*, Tel Aviv, Israel                          June 2022 – August 2022
- Collaborated with the Software Development team to develop a Python-based web scraper to reduce market prospecting time by about 30%.
- Built an impact calculator web application, using Python's Flask framework, that would be integrated into the company's website to increase engagement with prospective clients by at least 20%.
- Delivered key insights on over 100 potential target markets in the United States through extensive market research and analysis, leading to the closing of two strategic deals with Utica, NY, and the City of Peachtree Corners, GA.

**Equity Bank Kenya,** *Rotational Intern*, Nairobi, Kenya                            February 2020 – April 2020
- Selected as one of 200 participants nationwide from 600,000 candidates, based on final high school examination rank.
- Collaborated with the Microfinancing department in the digitalization of Fanikisha Jamii group credit product, which targets youth and women in micro-enterprises.
- Marketed and sold Equitel mobile banking products, leading to a 40% increase in net sales.

## PROJECTS & LEADERSHIP EXPERIENCE

**IMYale,** *iOS Application*                                                        September 2023 – Present
- Collaborated in developing a mobile application for Yale College that aimed to address inefficiencies in intramural sports management by unifying channels of communication, scheduling, and signups with a seamless user interface.
- Utilized MongoDB, Express, React, and Node.

**BizTap,** *Web Application*                                                      November 2021 – December 2021
- Developed an interactive, online business management tool for small-scale enterprises with inventory management, basic accounting, and employee management functionalities.
- Utilized Flask, JavaScript, HTML, SQLite, and CSS.

**Student Technology Collaborative,** *Head Cluster Technician Coordinator*, New Haven, CT              November 2021 - Present
- Oversee the daily operations of a 20-person team of Cluster Technicians (CTs) on campus by managing their schedules, providing guidance and support, and ensuring compliance with departmental policies and procedures.
- Hire and train new CTs on the use of various software provided by Yale Information Technology Services.

## TECHNICAL SKILLS

- *Computer Languages and tools:* Python, C, C++, JavaScript, HTML, CSS, SQL, R, Git, GitHub