

# Oliver Njeru

Portfolio | [LinkedIn](#) | [GitHub](#) | [Unsplash](#) | [Figma](#)  
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## EDUCATION

### United States International University-Africa, Nairobi

Expected September 2025

*Candidate for Bachelor of Science in Applied Computer Technology*

Courses: Business Data Analytics, Data Structures & Algorithms, Object Oriented Design & Programming, Applied Machine Learning, System Analysis & Design, Database Systems, Artificial Intelligence, Software Engineering

## PROJECTS

### [Ecommerce Website](#), Django, Vuejs, Nodejs, Bulma

- Is a merch store I created for my best friend to increase sales and customer engagement. Used the Model View Controller architecture to design and implement the application.
- Used Django for the backend to create classes, via Object Oriented Programming Principles, to be used for the models, admin and views to be rendered to the Client side.
- Implemented a payment option for checkout on orders made, via Stripe.
- Used VueJs and Bulma, to render the page dynamically as the user goes from one step in making an order to another and to style the pages respectively.

### [Parking Lot Management System](#), Java, Xampp

- A self-check-in/check-out system that captures users' data when they get in the parking lot and uses their information to calculate hourly billable charges & printable tickets.
- Implemented Object Oriented Programming Principles such as classes & methods to perform CRUD functions.
- Designed a Database schema having related tables and using association, composition, and aggregation in its foundation.

### [Random Number Guessing Game](#), Python

- Implemented Object Oriented Programming Principles & the Command Line Interface to interact with the human player.

## SKILLS & INTERESTS

**Programming Languages:** Python, Django, JavaScript, ReactJS, MYSQL, R, C#, Java, C++, HTML & CSS, MySQL

**Developer Tools:** VS Code, GitHub, Visual Studio, NetBeans

**Computer:** MS Excel, Word, PowerPoint

**Soft Skills:** Problem solving, leadership, marketing, teamwork, robust communication, & organizational skills

**Language:** Proficient in English & Swahili, have some beginner level Spanish knowledge

**Interests:** Photography, swimming, basketball, travelling.

## Honors & Awards

### Hult Prize USIU Innovation Week

July 2022

- Won third place in the USIU innovation week by coming up with an innovative solution in the medical field that would be suitable for urban environments such as Kilimani, Lavington, Westlands and Kileleshwa and got two investors in the idea my teammate and I came up with.
- Implemented a modern UI design via Figma that was presented during the Innovation week.

### Dean's List, United States International University-Africa, Nairobi

Spring, Fall 2022

- Secured my spot in the highly competitive Dean's List in Spring 2022 with a 3.90/4.0 Semester GPA.

### Unsplash, A Photo Community Website

Spring 2022

- Uploaded & curated abstract and aesthetically pleasing photos and managed to amass an audience of more than 1 Million globally by having my photos viewed and downloaded in applications such as Figma, PicsArt, Trello and Padlet

## CERTIFICATIONS

### Finance Accelerator Simulation Experience, AmplifyMe

Mar 2023

- Offered in partnership with Morgan Stanley, I operated as a Portfolio Manager and Execution Trader for an Asset Management firm, and a Sales Trader and Market Maker for an Investment Bank.
- Scored 86% in Exchange Trade Metrics for my ability to unwind clients' large block trades risks.

- Scored 89% in the quality of prices I traded at.

**Corporate Analyst Development Program, Forage**

Dec 2022

- Offered by JP Morgan Chase, I acquired skills in Data Analysis & Visualization using tools like Microsoft Excel and Tableau for dynamic data visualization via dashboards and storytelling with Microsoft PowerPoint.

**WORK EXPERIENCE**

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**United States International University - Africa, Nairobi, *Campus Work Study***

Jan 2022-Present

- Digitized records of Journal Articles, reports, reviews and USIU-Africa's alumni Masters Thesis.
- Complied and Sorted files efficiently which reduced physical search time by 90%.
- Efficiently executed office work such as printing, sorting, filing, and photocopying.
- Engaged in productive conversations which aided students and parents seeking financial aid.