

# Barrack Otieno

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## EDUCATION

### MASENO UNIVERSITY

BEd, Science With IT  
Second Class Honours  
Sept 2018 - Dec 2022

### KCA UNIVERSITY

Certificate, Computer  
Application  
Distinction  
Mar 2017 - Aug 2017

## LINKS

<https://github.com/Baraq23>

<https://www.linkedin.com/in/barrack-kope-otieno-064a43244>

## COURSEWORK

Teaching Practice  
Educational Technology  
General Methods of Teaching  
Educational Media and Resources Introduction to Education  
Psychology Educational Tests, Measurements and Evaluation

### INFORMATION TECHNOLOGY *ICT*

Internet & Worldwide Web  
Human-Computer Interactions  
Social & Professional Issues in IT Desktop Publishing  
Techniques  
Computer Communication Systems Computer Based  
Information Systems Foundations of Information Technology  
Introduction to Spreadsheets & Databases Relational  
Database Management Systems (MySQL)

### MATHEMATICS & PHYSICS

Basic Mathematics  
Descriptive Statistics  
Linear Algebra  
Analytical Geometry

Mechanics  
Thermodynamics  
Oscillations and Waves  
Electricity and Magnetism

## PROFILE

I am a dedicated software developer based in Kisumu, Kenya, with a strong passion for advancing my knowledge in cutting-edge computer technology. I am committed to staying updated with current trends and innovations to deliver high-quality, impactful solutions.

## OTHER CERTIFICATIONS

### JAVASCRIPT | Web Development

July 2023 | Sololearn.com, Online

- Variables & Data Types • Loops • Functions & Methods •
- Objects & Constructors • Arrays • ES6+ Features •

### HTML & CSS | Web Development Basics

Jan 2023 | Sololearn.com, Online

- HTML Tags • Web Deployment & Maintenance •

## SKILLS

- Problem-Solving Skills • Interpersonal Skills •
- Communication Skills • Collaboration Skills • Time
- Management Skills • Computer Proficiency Skills • Analytical
- Skills • Classroom Management

PROGRAMMING: HTML5 • CSS3 • JavaScript • Python •  
Bootstrap (framework) TOOLS: Android • iOS • Windows •  
MySQL • VS code

## EXPERIENCE

### MUSINGU HIGH | Math & Physics Teacher

June 2021 – Dec 2021 | Kakamega

- Main Duties: preparing and presenting lessons to learners, invigilating exams, marking learners' answer sheets, grading, and tracking learners' performances; attending school formal meetings, and giving reports.

## PROJECT

### WEB DEVELOPMENT PROJECT |

[www.barrackproject.netlify.app](http://www.barrackproject.netlify.app) | January 2024

I built a 'Number Game' with JavaScript, using a variety of functions and array methods to process player inputs, show data, and evaluate guesses. Players must correctly guess a randomly generated number between 0 and 10, in a few tries. This project was useful in sharpening my ICT & Web Development skills and evaluating my level of expertise in the field.

## REFERENCES

[1] Mr. Stephen Otieno | Konvergenz Network Solutions |  
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[3] Mr. Bernard T. Lukuya | Chief Principal, Musingu High  
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