

# DENNIS MUGO THAIRU

## INFO

### Address:

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## EDUCATION

### Bachelor of Informatics and Computer Science (Third Year)

Strathmore University

Mean Score to date: **85.45**

### Kenya Certificate of Secondary Education (K.C.S.E)

Strathmore School

Grade: A plain Maths A plain,  
English A-

### Kenya Certificate of Primary Education (K.C.S.E)

Rudan Junior Academy

Marks: 397/500

## SKILLS

- **Javascript:** Node JS, Express JS, React JS, React Native
- **Mobile Application Development** in Kotlin and React Native
- **Python:** Django, Flask
- **Databases:** Firebase Firestore, SQL, MongoDB
- Proficiency in MS suite

## HOBBIES AND INTERESTS

- Jogging
- Volunteering
- Cycling

## AREAS OF EXPERTISE AND COMPETENCIES

Resourceful and dedicated university Student seeking a Software Developer internship position. I am adept in bringing forth expertise in development, testing, installation and maintenance of software systems. Proficient in various platforms and programming languages. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. I am looking to advance my software development skills through an entry level opportunity by coming up with innovative solutions that add value to the organization.

## PAST PROJECTS

### ChatPDF (<https://www.chatpdf.wiki/>)

A web-based chatbot that analyses pdf files provided by a user and gives responses based only on the pdf files. It is built on langchain (for fine-tuning) and openAI's Large Language Model.

<https://github.com/Dennis-Mugo/shake>

### Tiba AI (Android Mobile Application)

An OpenAI-based health assistant that allows a user to input their medical queries and symptoms. The application then provides medical diagnoses and recommendations to the user.

<https://github.com/Dennis-Mugo/zimba>

## WORK EXPERIENCE

### Software Engineer

Feb 2024 – Aug 2024

AMREF International University

- Building a telehealth web application to seamlessly connect patients to AMREF physiotherapists.
- Writing a proposal for the solution we intended to provide and presenting it to the university and AMREF the client.
- Being the team leader of the team during the development stage.

### Freelance work

Jul 2021

Inceptor Institute of Technology

- Built a web app using PHP that allows students at the institute to upload their project assignments to a centralized database.

## OTHER EXPERIENCES

### Voluntary service

Jan 2023 – Feb 2023

Kenya National Library Service

- Assisting library users to locate specific books that they would like to read
- Shelving of books
- Spine marking of books
- Maintaining order in the library section assigned.

### Voluntary service

Apr 2019 and Aug 2019

Children's Garden Home and School

- Teaching Standard 7 and 8 students.
- Mentoring and giving encouragement to Standard 8 students.

## ACHIEVEMENTS

- Holder of the Strathmore School's Scholar of the Year Award 2020.
- Holder of a certificate of merit for completing 160 hours of voluntary service from Strathmore School.

## EXTRA CURRICULAR ACTIVITIES

Member of the science club (2018-2019) at Strathmore School

### Voluntary service

Aug 2018

*Association of the Physically Disabled of Kenya (APDK)*

- General housekeeping.
- Receiving and registering patients at the front desk.
- Keeping children patients busy by playing with them as they await therapy.

### Voluntary service

Apr 2018

*Gertrude's Hospital Muthaiga*

- Ironing and folding bed sheets in the laundry department.
- Folding and packing of surgical towels.

## REFEREES

### 1. Dr. Joseph Orero

Senior Lecturer, Artificial Intelligence  
Strathmore University, School of Computing and Engineering Sciences  
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### 2. Dr. Dan Orina

Teacher of Chemistry  
Strathmore School  
[danorina@gmail.com](mailto:danorina@gmail.com)  
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### 3. Benson Kaberia

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