

Santos Paul Amiani

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Profile

Highly motivated computer science graduate with a strong foundation in programming and software development. I specialize in developing innovative software solutions to solve real-world problems. My skills include programming, web development, and data science, and I am proficient in working with multiple programming languages and technologies.

Education

Technical University of Mombasa Sept 2020 – Dec 2024
BS in Computer Science

- **Coursework:** Software Engineering, Web Development, Networking, Computer Architecture, Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Database Management Systems, Computational Theory

Computer Packages Dec 2019 - Jan-2020
Kilifi College of Accountancy

- **Coursework:** Microsoft Word, Excel, Access, Powerpoint, and Presentation.

Kenya Certificate of Secondary Education 2016-2019
Musingu High School

Kenya Certificate of Primary Education 2007-2015
Iremele Primary School

Lwanaswa Primary School

Certification and Training

Machine Learning Coursera 2022(online)
Certificate of Service- Aga Khan Academy Mombasa 2023

Experience

Internship, Aga Khan Academy, Mombasa September 2023 – November 2023

- Record Leave Taken Into the Leave System
- Applying for students visa extensions and student Pass on EFNS.
- Entering data Into Navision System(ERP)

2023

Freelance Web Developer

Remote

- Developed responsive websites for small businesses using HTML, CSS, and JavaScript.

2023

Open Source Contribution

GitHub

- Contributed to an open-source Django project, fixing bugs and adding new features, resulting in a more secure and optimized codebase.

Skills

- Programming Languages: Java, Python, C++
- Operating Systems: Linux, Windows, Android
- Web Development: HTML, CSS, JavaScript, Django-Python
- Database Management: SQL, MySQL
- Machine Learning, Artificial Intelligence
- Problem-solving and analytical thinking
- Excellent communication and teamwork
- Adaptability and willingness to learn
- Time management and organization
- Research and critical thinking

Projects

Leave Management System

LeaveManagementSystem [↗](#)

- Developed a Leave Application System using Django
- Tools Used: Django-Python, Html, Css, Javascript

Church Management System

church management system [↗](#)

- Developed a church management system
- Tools Used: Django-Python, Html, Css, Javascript

Football Scores prediction

scores predictor [↗](#)

- Applied Machine Learning to developed a football prediction System.
- Tools Used: Fastapi-python, Random Forest Algorithm

Extracurricular Activities

Member of Science club at Musingu High School

Member of computer science Society Technical University of Mombasa

Technologies

Languages: Python, C++, C, Java, PHP, Scala, C, SQL, JavaScript

Operating Systems: Linux(Ubuntu, Kali Linux, Mint and Fedora), Windows, Android and ios.

Softwares: Vscod, Pycharm, Wireshark, Xampp

Referees

1. Name: Festus Nyawa

Position: Human Resource Officer

Institution: Aga Khan Academy Mombasa Kenya

Mobile no: 0792347662

2. Name: Conceptor Odeke

Position: Human Resource Officer

Institution: Aga Khan Academy Mombasa Kenya

Mobile no: 0735931144