Kabiru Ibrahim Lamin

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Education

Coventry University   graduation date: Jul. 2019
B.Eng in Electrical and Electronics Engineering | Link to all courses
Relevant Courses: Circuit Design, Computer Architecture, Electric Machines,
                                  Control and Instrumentation, Embedded systems (C), Signal Processing

Nile University of Nigeria   graduation date: Sep. 2023
M.Sc in Computer Science | Link to all courses   *GPA: 4.13/5.00*
Relevant Courses: Computer Networking, Operating Systems, Algorithms,
                                  Numerical Methods, Theory of Computation, Software Engineering

Experience

Hephzibah Computers   Aug. 2013 - Oct. 2013
Summer Trainee   *Kaduna, Nigeria*

- Summer training program which involved troubleshooting and fixing of computer hardware.
- Also tasked with software installations and selling of new computers

Ministry of Petroleum Resources   Sep. 2019 - Jul. 2020
Maintenance Engineer   *Abuja, Nigeria*

- Served as a maintenance superintendent as part of a 1 year compulsory national service program (nysc) in Abuja.
- Main responsibilities were Onsite checks on company resources, maintaining logs and ensuring all records are in compliance with safety, machinery repairs and improvements, as well as other regulatory subjects and other duties assigned by the chief Engineer.

Projects

genome analysis read mapper   Jul. 2022 - Jul. 2023
read mapper using CUDA, a package from nvidia's high end gpu's   *C, C++, CUDA, Linux*

- Accelerated the read mapping step in genome analysis by efficient hardware and software optimizations.
- Achieved a 1.21 speedup compared to state of the art solutions.

Fitness App   Sep. 2023
Fitness App frontend   *React, Typescript, Tailwindcss, Git*

- Frontend website built using typescript and other dev tools such as Tailwind, Hero Icons, Framer Motion, Form Submit, React Anchor Link Smooth Scroll.

Asynchronous Web Crawler   Feb. 2023
Web Crawler with asyncio routines   *python, Sockets*

- implemented simple coroutines in Python using generator functions.

Leadership and Volunteering

Google Developer Students Club Nile University of Nigeria   sep. 2022 - sep. 2023
Member

- Guiding a community of CS students in their professional development, technical skills and interest in tech.
- Orchestrating workshops, coding sessions, and events to enhance skills and encourage continuous learning.

Skills

Languages:
  JavaScript(TypeScript), C++, python, SQL, Bash

Technologies & Tools:
  React, Git, Express, Node, Mongo, Linux, Vim

Certifications:
  Google IT Support Certificate.