Modou K Touray

Nationality: Gambian

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ABOUT ME

Inquisitive, energetic computer science specialist skilled in leadership, with a good foundation in math, logic, and cross-platform coding. Enthusiastic Software Engineer/Data Science experience participating in the complete product development lifecycle of successfully launched applications. Seeking to leverage solid skills in collaboration, communication, and development as a programmer/researcher to contribute to the development of technology in my region.

WORK EXPERIENCE

Software developer

Gambia National Petroleum Company [15/11/2021 – Current]

City: Brusubi

- Develop and maintain Laravel and vuejs application features and integrations
- Communicate effectively with team members to understand certain requirements.
- Collaborate with team members to implement updates and fixes
- Analyze and troubleshoot submitted client helpdesk tickets
- Propose and implement system optimizations
- Ensure code is following current best practices
- Providing IT support to staff
- installing equipment for data communications **networks** including hardware, software, and data communications equipment.
- Trouble-shooting equipment for data communications networks including computer hardware, software, and data communications equipment.
- Maintaining equipment for data communications networks including computer hardware, software, and data communications equipment.
- Assisting the network administrator(s) in the form of requirements analysis, network application design, implementation, problem investigation and resolution, and network application evaluation.
- Performing other duties as assigned.

Software developer
Cype Finland [01/12/2020 – Current]

City: KMC
Country: The Gambia

-Modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces.
-Directing system testing and validation procedures.
-Directing software programming and documentation development.
-Consulting with departments or customers on project status and proposals.
-Working with customers or departments on technical issues including software systems design and maintenance
- Analyzing information to recommend and plan the installation of a new system or modification of an existing system.
-Consulting with engineering staff to evaluate software-hardware interfaces and develop specifications and performance requirements.
-Designing and developing software systems using scientific analysis and mathematical models to predict and measure outcomes and design consequences.
- Preparing reports on programming project specifications, activities, or status.
- Conferring with project managers to obtain information on limitations or capabilities.

IT Technician
Unique Solutions [02/09/2019 – 30/11/2020]

City: KMC
Country: The Gambia

-Installing equipment for data communications **networks** including hardware, software, and data communications equipment.
-Trouble-shooting equipment for data communications networks including computer hardware, software, and data communications equipment.
-Maintaining equipment for data communications networks including computer hardware, software, and data communications equipment.
-Providing support to users of data communications networks.
-Assisting the network administrator(s) in the form of requirements analysis, network application design, implementation, problem investigation and resolution, and network application evaluation.
-Performing other duties as assigned.

EDUCATION AND TRAINING

Bachelors of Science in Computer Science
University of The Gambia [01/09/2016 – 08/08/2020]

Address: Kanifing KMC, 733 West Coast Region (The Gambia)

High School Diploma
St. Peter's Technical Senior Secondary School [01/09/2013 – 01/06/2016]

Address: Lamin Sanchaba Lamin, Brikama (The Gambia)

LANGUAGE SKILLS

Mother tongue(s): **Wolof**

Other language(s):

Mandinka
LISTENING C1 **READING** A1 **WRITING** A1
SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B2

English
LISTENING C2 **READING** C2 **WRITING** C2
SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C2

DIGITAL SKILLS

Programming and Software Development Skills

Microsoft Office / Java Programming language / Web Development: HTML 5, CSS, JavaScript / Python Flask Framework / Python for statistic / Machine Learning libraries Scikit-Learn Tensorflow Keras Scipy

General IT skills

Microsoft Excel / Microsoft Word / Outlook / Microsoft Powerpoint / Zoom / Google Drive / LinkedIn / Organizational and planning skills

PROJECTS

Queue Time Estimator

[19/12/2020 – 26/02/2021]

It is a machine learning solution use to determine the time it takes for a customer to be served.

House Price Predictions

[20/01/2021 – 17/02/2021]

An AI solution use to estimate the relationship between a dependent/ target variable and a single or multiple independent variables. This project focused on house price prediction. The attributes that affect house price include the number of bedrooms, number of floors, location of the house, square feet, etc.

Work-Space Forcaster

[08/12/2020 – 15/01/2021]

It is a machine learning solution used to determine the availability of a workspace in a building.

InvoiceReader

[01/03/2021 – 09/04/2021]

A command line tool that supports your accounting process. It is an application that extract relevant fields from a pdf invoice and save them in JSON, CSV, or XML format.

Talotasku

[03/06/1996 – Current]

It is an AI solution that determine the condition of building materials.

HONOURS AND AWARDS

UTG-ITCA certificate

UTG-ITCA [15/12/2020]

Awarded a certificate as the deputy project director of the 7th executive council of UTG-ITCA

St. Peter's Honors Certificate

St. Peter's Technical Senior Secondary School [14/04/2014]

Awarded to the most outstanding students each term

HOBBIES AND INTERESTS

Enterprise Architecture/system architecture

Artificial Intelligence/ Data Science

Basketball/Football