



# Momodou B Jallow

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## ● ABOUT ME

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I'm a dynamic professional with a diverse background that includes public health, computer science, and digital innovation. I've worn many hats, from working in public health to leading tech projects, blending my tech skills, analytical thinking, and strategic planning. I'm passionate about using technology to tackle complex problems and have used my wide range of skills to make a difference in different fields.

Throughout my career, I've always been about versatility and doing my best. I started in public health, learning a lot about healthcare systems, which helped when I moved into tech roles like software engineering, data analysis, and machine learning. I've also stepped into product and project management, which has given me strong skills in leading diverse teams, coming up with new ideas, and connecting with all sorts of people—all key to making things happen in fast-moving environments.

I'm keen to bring together my mixed bag of skills in areas where tech, health, and data meet. I'm all about finding innovative and game-changing solutions. I aim to be part of forward-looking projects and teams that appreciate a variety of viewpoints and are excited about using technology to create smarter, more effective, and impactful results.

## ● WORK EXPERIENCE

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05/2022 – 10/2022 Shenzhen, China

### **PRODUCT MANAGER** SEEDSTUDIO

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- Collaborate across three teams, including product market management and sales, to align marketing plans to promote product releases resulting in an 11% increase in sales for my product line.
- Implement branding and engagement strategy for the company's social media platforms that drove over a 9% increase in LinkedIn followers within a few months.

03/2021 – 05/2022 Shenzhen, China

### **PRODUCT MANAGER** CCJK TECHNOLOGIES (MARSHUB TEAM)

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- Managed a multi-national team of developers and product stakeholder communication and oversaw product development from ideation to implementation.
- Led the development of a crowdsourcing data collection and labeling platform for AI projects' data curation.
- Improved UX measures by 16% through increased user feedback collection, synthesis of solutions, and more frequent iteration of customer needs.

**Website** <https://www.seedstudio.com/>

01/2020 – 03/2021 California, United States

### **MACHINE LEARNING ENGINEER (REMOTE)** OMDENA

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- Actively participated in the development of natural language processing models for analyzing public sentiment on energy transition, resulting in valuable insights for the World Energy Council.
- Contributed to the collection, analysis, and visualization of large-scale social media data, enabling the communication of regional sentiments.

- Collaborated effectively with an international team of data scientists and AI experts, bringing diverse perspectives and technical expertise to the project.
- Utilized novel approaches for processing unstructured data from various online sources.
- Facilitated in the presentation of reports and findings to stakeholders, including the World Energy Council, in order to inform energy policy and strategy decisions.

11/2018 – 01/2020 Guangzhou, China

**DATA ANALYST AND SOFTWARE DEVELOPER (INTERNSHIP AND TRAINING)** GUANGZHOU PANYU ZHIFENG MICROELECTRONICS CO., LTD. (TRIO ENGINEERING CO., LTD)

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- I collaborated closely with the business and innovation department to fully understand and address data analysis, reporting, and data interface requirements, ensuring alignment with business objectives and requirements.
- Conducted software design, development, testing, and documentation for medium-complexity programs.
- Developed intuitive and insightful data visualizations using SQL, QlikSense, and Python, assisting in the effective communication of complex data and analytics to stakeholders.
- Actively participating in the Industry 4.0 recognition project, assisting in the development and implementation of advanced manufacturing automation processes.
- Engaged in research on emerging technologies such as 5G, optimization, and smart manufacturing, to improve the company's capabilities and readiness for future advancements.

12/2012 – 06/2017 Banjul, The Gambia

**PUBLIC HEALTH OFFICIAL** MINISTRY OF HEALTH AND SOCIAL WELFARE OF THE GAMBIA

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- Oversaw data management at healthcare facilities, ensuring the accuracy and efficiency of critical health information, such as death and birth registrations.
- Actively involved in immunization program management and disease trend monitoring, contributing to national health security and preventive healthcare initiatives.
- Performed regular inspections to ensure food safety and environmental health standards, thereby reducing public health risks.
- Promoted workplace health and safety protocols for reducing occupational health risks and improving overall worker well-being.
- Participated in communicable and non-communicable disease prevention strategies, contributing to national disease control and public health education efforts.
- Participated in research and surveys aimed at improving healthcare management.

## ● EDUCATION AND TRAINING

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10/2022 – CURRENT Dortmund, Germany

**MSC. DIGITAL TRANSFORMATION** Fachhochschule Dortmund

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**Website** <https://www.fh-dortmund.de/index.php>

08/2017 – CURRENT Guangzhou, China

**BSC. COMPUTER SCIENCE** South China University of Technology

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**Address** 510006, Guangzhou, China | **Website** [http://www2.scut.edu.cn/sie\\_en/](http://www2.scut.edu.cn/sie_en/)

12/09/2023 – 14/09/2023 Dortmund, Germany

**SUSTAINABLE HUMANITARIAN ENGINEERING** Dortmund University of Applied Sciences and Arts / MSU Denver

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- Introduction to Humanitarian Engineering
- History of development work
- UNSDGs
- Health and poverty
- Human-centered design
- Community appraisal methodology including capacity
- Risk analysis
- The water energy food nexus
- Appropriate technology

Website <https://wqu.org/programs/data-science>**MICRO-DIPLOMA OF COMPUTER SCIENCE** Engineering Education Knowledge Service of IKCEST (Tsinghua University)Website <http://engedu.ikcest.org/unesco/visual/micromasters/5>**HIGHER NATIONAL DIPLOMA IN PUBLIC HEALTH** Gambia College (School of Public Health)Address 00220, Banjul, The Gambia | Website <http://gambiacollege.edu.gm/>**PROGRAMMING AND PROFESSIONAL BOOT-CAMPS** Coursera, LinkedIn Learning, Udemy, Udacity, Edx, IBM cognitive class

## ● LANGUAGE SKILLS

Mother tongue(s): **FULA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>CHINESE</b>	A2	A1	A2	A2	A1
<b>GERMAN</b>	A1	A1	A1	A1	A1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DIGITAL SKILLS

### Web Development and Software Engineering

PHP, RESTful API, SOAP, HTML, CSS, Java Script, SQL, SMPP | Good knowledge of Django web framework | C, C++, C## (C-Sharp) | SQL | MongoDB | JSON | React/Redux

### AI, ML and Deep Learning

OpenCV | Deep Learning | Machine Learning | Seaborn | Artificial Intelligence | Machine Learning and Deep Learning frameworks: Tensorflow, Keras, PyTorch | Numpy | Graph Theory and Algorithms | Matplotlib | Neo4j | Pandas | Data Science | Scikit-Learn

### Problem Solving Skills

Data Wrangling | Good working knowledge of google analytics | Clear and concise verbal and written communication | Good at creating visualisations using qlik sense and amazon quicksight | Creativity (problem-solving) | Approach problems rationally and systematically

### Soft Skills

Markdown | Git | LaTeX | Microsoft Office | Familiar with SQL and cloud servers (AWS Alibaba Google Cloud IBM Huawei)

### Languages

Programming languages (Python Julia C Java C++ JavaScript Dart React) | web languages: HTML, CSS, PHP, jQuery | Working with the web technologies HTML and CSS

## Operating Systems

Windows | Linux

## ● ADDITIONAL INFORMATION

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### PUBLICATIONS

#### [Examining the Impact of Team Dynamics in Agile Project Management Success in Software Development: A Systematic Literature Review](#)

– 2023

M. B. Jallow, M. Roveló, S. A. Gharaee, S. Dutta and M. Askari, "Examining the Impact of Team Dynamics in Agile Project Management Success in Software Development: A Systematic Literature Review," 2023 IEEE 12th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS), Dortmund, Germany, 2023, pp. 275-282, doi: 10.1109/IDAACS58523.2023.10348796 .

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12th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems

### HONOURS AND AWARDS

01/2022

**Outstanding Employee of The Year – Marshub**

### MANAGEMENT AND LEADERSHIP SKILLS

**Founder of allSTEAM Foundation** allSTEAM is a not-for-profit organization that seeks to address sustainable development challenges faced by African countries via STEAM education.

**Link** [https://docs.google.com/presentation/d/1NpOnPoxMFG\\_4QPXYjqmqcU8Qlr1LbFh0/edit?usp=sharing&oid=113995551603812572605&rtpof=true&sd=true](https://docs.google.com/presentation/d/1NpOnPoxMFG_4QPXYjqmqcU8Qlr1LbFh0/edit?usp=sharing&oid=113995551603812572605&rtpof=true&sd=true)

### VOLUNTEERING

30/01/2019 – 03/02/2019 Guangzhou, China.

**Dedication, Friendship, Mutual assistance and Progress with respect to action**

05/11/2016 Banjul, The Gambia

**Psychological First Aid Training**

01/2015 – 08/2017 Banjul, The Gambia

**Student Service Learning Association of The University of The Gambia Summer Teaching Volunteerism**

12/2011 – 12/2012 Banjul, The Gambia

**Auditor General of The Gambia College Student Union**

02/2020 – 02/2021 Guangzhou, China

**Education and Intercultural Minister South China University of Technology**

05/2022 – CURRENT Shenzhen, China

**TechStar Startup Weekend Shenzhen**

02/2022 – CURRENT Shenzhen, China

**tinyML Shenzhen Co-Organizer**

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