

## SEYDOU TOGUIYÉNI

### Personal Info

Fada N'gourma, Burkina Faso

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Burkinabè

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### Bio

Seydou is an accomplished epidemiologist and statistician with a robust foundation in Business Intelligence planning and management. He possesses extensive expertise in information systems, epidemiological surveillance, and data warehouses. Seydou has demonstrated leadership in steering the development of digital health, management, and data mobilization initiatives for an NGO operating across West Africa. He is a seasoned professional with significant proficiency in data integration, management, and thorough analysis.

### Education and trainings

<a href="#">Université Joseph KI-ZERBO, Burkina Faso</a>	PhD Candidate, Santé publique, biostatistiques, épidémiologie et recherche en santé	Start: 2021	End: 2024
<a href="#">Université Joseph KI-ZERBO, Burkina Faso</a>	Master in Public Health, speciality Epidemiology, Biostatistics and health research	Start: 2015	End: 2017
<a href="#">Aix-Marseille Université</a>	Master in Public Health, specialty Expertise and Engineering in health information systems	Start: 2013	End: 2014
<a href="#">Université Ouaga 3S, Burkina Faso</a>	Engineering in Computer Network System and Free Software	Start: 2011	End: 2013
<a href="#">Université de Ouagadougou, Burkina Faso</a>	Bachelor of Science in social statistics (health specialization)	Start: 2010	End: 2011
<a href="#">National School of Statistics and Applied Economics (ENSEA) of Abidjan, Côte d'Ivoire</a>	BTEC Higher National Diploma in Statistics	Start: 2007	End: 2009
<a href="#">Université de Ouagadougou, Burkina Faso</a>	Bachelor of science in Mathematics	Start: 2004	End: 2007

## Professional qualifications

Bluesquare	Project Data Manager	Start: 06/2021	End: Current	Burkina Faso
<ul style="list-style-type: none"> <li>• Data analysis and modeling, dashboarding for the strategic and operational management of health systems.</li> <li>• Improving data management and analysis tools for disease surveillance, management of epidemics and health emergencies, malaria and maternal and child mortality</li> <li>• Data integration, the implementation of the OpenHexa platform and provide tools that allow leverage multiple sources coordination for a global improvement on their performance</li> <li>• Technical support for the design and implementation of the Malaria Data Repository</li> <li>• Provides technical assistance to partners, Capacity building and skills transfer to country teams: Burkina Faso, Niger, Ivory coast, Sénégal</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Nicolas De Borman, CEO  <a href="#">Nicolas De Borman</a></p>				

Terre Des Hommes	Regional Technical Advisor, Digital Health Data Management	Start: 07/2021	End: 11/2022	West Africa
<ul style="list-style-type: none"> <li>• Responsible for the digital health strategy,</li> <li>• Develop strategies for scaling up and expanding the digital health solution: Electronic Consultation Registry (REC) for maternal and child health;</li> <li>• Technical support to strengthen country health information systems</li> <li>• In charge of standardization, harmonization and regulations on the protection of personal data in the delegations</li> <li>• Data scientist in charge of the scientific valuation of data</li> <li>• Technical support to delegations for data analysis and management</li> <li>• Technology watch, capacity building for data analysis</li> <li>• Writing and publishing scientific articles</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Pr. Amara Amara, ICT4D Strategist  <a href="mailto:amara.amara@tdh.ch">amara.amara@tdh.ch</a></p>				

Adarisk SARL	Project Manager	Start: 03/2018	End: 12/2021	Burkina Faso
<ul style="list-style-type: none"> <li>• Exploratory Data Analysis, Artificial Intelligence</li> <li>• Digital health management</li> <li>• Data analysis software training</li> </ul>				

Adarisk SARL	Project Manager	Start: 03/2018	End: 12/2021	Burkina Faso
<ul style="list-style-type: none"> <li>• Design of data warehouses &amp; Big Data</li> <li>• Carrying out studies and surveys</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Dr. Sanoussa Barry, Director  <a href="mailto:sanoussacheick@gmail.com">sanoussacheick@gmail.com</a></p>				
Terre Des Hommes	Coordinator Health Monitoring & Evaluation Manager	Start: 01/2014	End: 05/2021	Burkina Faso
<ul style="list-style-type: none"> <li>• Design and implementation of M&amp;E tools.</li> <li>• Collection, processing, analysis and production of monitoring indicators.</li> <li>• Achievements of monitoring and nutritional coverage surveys.</li> <li>• Drafting of project monitoring and evaluation reports.</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Luc Noundia Kabore, Health Program Coordinator  <a href="mailto:lucnoundia@gmail.com">lucnoundia@gmail.com</a></p>				
Catholic Relief Services	Monitoring & Evaluation Manager	Start: 05/2013	End: 10/2013	Burkina Faso
<ul style="list-style-type: none"> <li>• Implementation of the monitoring &amp; evaluation plan</li> <li>• Collect &amp; Analysis data and evaluation of the coverage of JVA+ campaigns</li> <li>• Monitoring and supervision of community activities and IYCF promotion</li> <li>• Reporting and training of country teams</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Youssef Zongo, Coordinator M&amp;E  <a href="mailto:zongo_yousseuf@yahoo.fr">zongo_yousseuf@yahoo.fr</a></p>				

Save the children International	Data Manager & Assistant M&E Specialist, FASO program	Start: 03/2013	End: 04/2013	Burkina Faso
<ul style="list-style-type: none"> <li>• Design and field implementation of data collection tools for different projects</li> <li>• Data flow design</li> <li>• Quality assurance of data collection</li> <li>• Training and monitoring of data collection</li> <li>• Digitalization of data collection tools</li> <li>• Data analysis and reporting of project monitoring reports</li> <li>• Data quality control</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Dr. Sidi Cloulibaly, Health Program Coordinator Tel: +226 70 23 09 46</p>				

Ministry of Health Burkina Faso, general directorate of information and health statistics	Head of department of population health monitoring surveys.	Start: 11/2009	End: 02/2013	Burkina Faso
<ul style="list-style-type: none"> <li>• Responsible for demographic statistics, infrastructure, equipment, human resources and indicators of the National Health Development Plan;</li> <li>• Responsible for the development of Statistical Yearbook, National Health Accounts, Dashboard and Epidemiological Bulletin;</li> <li>• Member of the technical team for the revision of SNIS collection tools and the implementation of the health data warehouse (ENDOS);</li> <li>• Training and technical support of the decentralized technical services of the Ministry</li> </ul>				
<p>Reference person and contact details (<i>within the company</i>):</p> <p>Jean Edouard Odilon DOAMBA, Director of General Health Statistics <a href="mailto:doambafr@yahoo.fr">doambafr@yahoo.fr</a></p>				

In country experience	<ul style="list-style-type: none"> <li>• Niger - Niamey (2/20/2022 to 2/25/2022) : Atelier de formation sur l'intégration de données, la mise en place et l'utilisation de Dashboards</li> <li>• Sénégal - Dakar (1/21/2023 to 1/28/2023) : Consultant technique pour la mise en place du National Malaria Data Repository (NMDR) dans le cadre du projet MACEPA - EOC Malaria d'appui au MoH SEN avec PATH</li> <li>• Cameroun - Douala (8/20/2023 to 8/28/2023) : Formation à R et Tableau Desktop aux agents du PNL et du MoH à l'analyse des données et la conception de Tableaux de bord de surveillance du paludisme</li> </ul>			
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	<ul style="list-style-type: none"> <li>Benin - Cotonou (12/11/2023 to 12/16/2023): Bill &amp; Melinda Gates Foundation Malaria Team: NMCP &amp; Partners convening</li> <li>Cote d'Ivoire - Abidjan &amp; Yamoussoukro (2/24/20224 to 3/07/2024) : Expert appui au MoH PNLP pour la mise en place du NMDR, Atelier de cadrage et Configuration des serveurs et de l'instance NMDR</li> <li>Niger - Niamey (4/1/2024 to 4/07/2024) : Expert appui au MoH PNLP pour la mise en place du NMDR, Configuration des modules et des tableaux de bord</li> <li>Rwanda - Kigali : (4/21/2024 to 4/27/2024) 8th Pan-African Malaria Conference, MIM SOCIETY (Multilateral Initiative on Malaria)</li> </ul>
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## Languages Proficiency

	Speaking	Reading	Writing
English	Intermediate	Professional	Professional
French	Native / Bilingual	Native / Bilingual	Native / Bilingual

## Digital competence

### Self-assessment

Information  
processing

Proficient

Communication

Independent

Content creation

Basic

Safety

Basic

Problem solving

Independent

### Certifications:

- Certificate of completion Introduction to Data Analysis with R, with Public Health Applications, October - December 2023, a 12-week online course in health data science delivered by the GRAPH Network and the Infectious Diseases and Mathematical Modeling, Division of the University of Geneva
- Spatial Analysis and Geospatial Data Science With Python (Udemy, 05/2023),
- Certificate Tableau 2022 A-Z (Udemy, 02/2023),
- Certificate GNU/Linux (Udemy, 02/2023),
- Git Fundamentals (Udemy, 01/2023),
- Certificate Desktop III: Advanced (Tableau Foundation, 06/2020),
- Certificate Visual Analytics (Tableau Foundation, 12/2018)
- French Language Course series (ID : 42110244) - CITI Program, April 2012
- Introduction to data analysis with R - University of Glasgow - UK (MIRA: Malaria in Insecticide Research Africa, MRC: Medical Research council;

LEVERHULME TRUST) - Université Ouaga 1 Joseph Ki-Zerbo (school of sciences and technology), 2017

- Outils méthodologiques du traitement de l'information (3) : Biostatistiques - Faculté de médecine, Université Aix Marseille (France), 2013

**Other:**

- **Data Science** : Machine Learning, Business Intelligence, Dashboarding
- **Data integration & system architecture**: DHIS2, OpenHexa, Cloudera
- **Database management system**: PostgreSQL, MySQL.
- **Data analysis and processing**: R, Python, STATA, SPSS, SPAD.
- **Dashboard design**: Tableau Software, Shiny, PowerBI
- **Mobile Data collection**: Epi Info, CsPro, Epi Data, ODK-Collect, CommeCare HQ, SURVEY CTO
- **Geographic information system**: ArcGis, Arc Views, QGIS, Philcarto

**Organizational / managerial / Communication skills**

- Agile method, SCRUM
- Digital project management
- Project risk analysis
- Produce reports and budgets
- Planning Project and program management
- Health Information System Expert
- Monitoring - Evaluation and Learning
- Public health surveillance, epidemiology and screening
- M&E and SIS Knowledge Broker and Trainer

**Job-related skills**

- ERP tool design and implementation
- Python, project management (CAPM certification)
- Team management

**Driving license**

Permis de conduire A1, B, C

**Publications**

TO FILL IF RELEVANT

Please, use the APA Citation Style


**Other (Awards, Blog Posts, Memberships to professional bodies...)**

- Laboratoire Analyse de la Santé Publique (LASAP, Université Joseph Ki ZERBO, Ouagadougou) Member depuis 2022
- Société Burkinabè de Santé Publique (SOBUSAP, Ouagadougou Burkina Faso): Membre depuis 2021
- Association des Epidémiologistes de Langue Française (ADELF, Université de Bordeaux) :

Membre depuis 2021

- Association des Statisticiens et Démographe du Burkina (ASTADEB) : Member depuis 2009
- Amicale des Statisticiens/Cycle Special de Ouagadougou : Membre d'honneur, Président 2010 - 2014

### Signature

<a href="#">Seydou Toquiyeni</a>		
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### ANNEX 1 - Project References

Projects	Responsibilities
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