DOURHAMANE ABDOU SANDA

CONTACT

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EDUCATION

Apr 2024

OPENCLASSROOMS
- Web Developer Diploma

Dec 2018

HACK YOUR FUTURE, BELGIUM
- Web Developer Integrator

2010 - 2013

UNIVERSITY OF HASSELT
- MSc Applied Statistics Courses

2002 - 2006

USMANU DANFODIO UNIVERSITY
- Bachelor of Science Statistics

LANGUAGES

- English (Fluent)
- French (Fluent)
- Dutch (Good)

PROFILE

Multidisciplinary professional with a strong foundation in statistics and extensive experience in both data analysis and front-end development. Graduate in Applied Statistics and certifications in Data Analysis and Web Development. Proficient in transforming data into actionable insights and building user-centric web applications using modern frameworks like React, Next.js, and Tailwind CSS. Combines analytical thinking with technical execution to deliver scalable, accessible, and high-impact solutions.

WORK EXPERIENCE

De Lijn – Mechelen   Jul 2022 - Jul 2025

Specialist Software

- Developed and optimized front-end applications using React, Next.js, and Tailwind CSS.
- Refactored legacy systems and improved performance, accessibility, and maintainability.
- Integrated RESTful APIs, implemented testing with Jest and React Testing Library, and deployed via Azure DevOps.
- Leveraged data insights to inform design decisions and enhance user experience.

De Lijn – Mechelen   Jul 2022 – May 2019

Software Developer & Analyst

- Developed and optimized responsive, component-based web applications using React.js, Tailwind CSS, and TypeScript.
- Delivered key projects like Reizigersinformatie, Betaling-Link in-Mail, and a Store Locator with integrated Here Maps API, improving user engagement.
- Modernized legacy systems such as Infotram, enhancing performance, maintainability, and code quality.
- Contributed to De Lijn's private npm component library, standardizing UI/UX and accelerating development workflows.
- Collaborated with cross-functional teams to ensure scalable, high-performance deployments with strong testing and DevOps practices.

RISOTRANS – Niger   Jan 2010 – Aug 2010

Data Management

- Managed public health datasets using SPSS, SAS, and Excel with a focus on data integrity.
- Led data collection and standardization across clinical research projects.

Institut National de la Statistique   Dec 2007 – Dec 2009
(INS) – Niger

Statistician
- Managed public health datasets using SPSS, SAS, and Excel with a focus on data integrity.
- Led data collection and standardization across clinical research projects.

- Front-End Development: React.js, Next.js, Tailwind CSS, TypeScript
- Data Analysis: Python, SQL, Excel, SPSS, SAS, Power BI
- Testing & Dev Tools: Jest, React Testing Library, Git, Azure DevOps
- Statistical Methods: Regression, Clustering, Hypothesis Testing
- UX/UI & Accessibility: Responsive Design, ARIA, WCAG Compliance
- Communication: Teaching, Technical Training, Cross-functional Collaboration

- **Centre de Formation Technique Informatique – Niger**   Nov 2006 - Jul 2009
  - Taught Applied Statistics and Mathematics to professional learners.
  - Integrated real-world data applications and tools like SPSS and Excel into the curriculum.

CERTIFICATIONS

Data Scientist Associate, DataCamp	**Aoû 2025**
Data Analyst, DataCamp	**Jul 2025**
Data Analyst Associate, DataCamp	**May 2025**

PROJECTS & PORTFOLIO

- Sales Dashboard : Visualized regional sales trends.
- COVID Trends (Python): Analyzed time series data with Pandas and Seaborn.
- UI Components Library: Created reusable components for internal use at De Lijn.
- Account-Based Ticketing (ABT) System - De Lijn,
- De Lijn Flex
- De Lijn Routeplanner
- De Lijn Halteborden