

DORIS CAROLE KENFACK JIOTSA

613-276-6480 • jiotsadoris@gmail.com • Ottawa, Ontario, K2B 7H2

www.linkedin.com/in/dckenfackjiotsa

Portfolio: <https://doriskj.github.io/>

SUMMARY

Experience collecting and processing complex and large data, as well as developing tools and techniques to analyse say data and interpret results. Over 4 years teaching and training.

PROFESSIONAL AND DATA ANALYSIS EXPERIENCE

Private teacher / Tutor

may 2022 - present

SOSTeacher • Canada

- Tutoring high school and college students in Mathematics and Physics
- Providing summer classes in Mathematics and Physics for high school students

Research Assistant

apr. 2016 - oct. 2020

Stellenbosch University / iThemba LABS • Cape Town South Africa

- Writing programs in C++ and Python for the analysis of over 2T of data
- Maintaining the data acquisition and data storage system at iThemba LABS
- Conducting training workshops on data analysis tools used in subatomic physics
- Using MS Excel and C++ to perform linear and Gaussian regression analysis

Teaching and Lab Assistant

jan. 2018 - may 2020

Stellenbosch University / iThemba LABS • Cape Town South Africa

- Supervising tutorials and laboratory sessions
- Instructed first-year masters students on radiation detector energy calibration and data analysis techniques at the Southern African Institute for Nuclear Technology and Sciences (SAINTS) School workshop

High school and college teacher

oct. 2012 - jun 2016

Ministry of Public Service and Administrative Reform • Bamenda, Cameroun

- Supervised teacher trainees
- Organized, chaired and attended staff meetings and seminars
- Provided Physics and Electronics courses to high school students
- Provided introductory courses in algorithmics and microcontroller programming

SKILLS

- **Technical Skills:** Machine Learning, Data Visualization, Data Mining, Quantitative Analysis, Research
- **Programming languages and software:** Python (Pandas, Numpy, Scikit-learn, Matplotlib), C++, SQL, R, Jupyter notebook, HTML, CSS
- **Soft Skills:** Problem solving, Analytical and critical thinking, collaboration
- Excellent level of spoken and written French and English

TRAINING

- Ph.D. in Nuclear Physics** apr. 2016 - dec. 2020
Stellenbosch University / iThemba LABS • Cape Town South Africa
- MSc. in Physics and Electronics** oct. 2010 - may 2012
University of Dschang • Dschang, Cameroon
- BSc in Physics** oct. 2006 - sep. 2009
University of Dschang • Dschang, Cameroon

VOLUNTEERING

- Volunteer** feb. 2022 - Present
Toronto Womxn in Data Science • Toronto, Ontario
- Assisting in the organization of events such as conferences and seminars on the topic of science and data analysis
- Volunteer** jul. 2021 - Present
hEr VOLUTION • Ottawa, Ontario
- Coach for the STEMing UP program: Introductory courses, for young girls, in Python and website building using HTML, CSS and WordPress