

Curriculum Vitae

Cubaka ZAHINDA René

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in René CUBAKA ZAHINDA • [prianozahire](#)

Summary

Born in November, 15th 1999 in the South-Kivu Region in the Democratic Republic of the Congo; My academic expertise lies in solving real life problems using mathematics tools. That is, I did researches in both applied and pure mathematics from my BSc and Masters studies.

As a junior lecturer, I am committed to help my students to do not understanding mathematics concepts but also love them, with an emphasis on practical applications and research-oriented approaches.

I hold a Master degree from the African Institute for Mathematical Sciences (AIMS Ghana), and my goal is to be not only a lecturer, but a lecturer who shows the way to students and make them loving maths. seek for a PhD position in Pure mathematics, after completing it, give back to the community what I have received from all my studies.

Education

African Institute for Mathematical Sciences	Accra
<i>Master in Mathematical Sciences , Ghana</i>	<i>Sep. 2024–June 2025</i>
Graduated with a distinction	
Institut Supérieur Pédagogique de Kaziba	South-Kivu
<i>Graduate degree in Mathematics for education, DR Congo</i>	<i>2021–2023</i>
Graduated with Great Distinction	
Institut Supérieur Pédagogique de Kaziba	South-Kivu
<i>Under graduate degree in Mathematics and Physics for education, DR Congo</i>	<i>2018–2021</i>
Graduated with Distinction	

Researches

2025: Master essay: *The length of a group element and the Cayley graph of a group*,
Supervisor: Prof. Dr. Peter Webb, University of Minnesota, USA
African Institute for Mathematical Sciences AIMS Ghana

2023: Graduate thesis (Bac+5): *Prediction of Hospital Length of Stay in Gynecology based on Machine Learning: Case of some hospitals in South Kivu*,
Supervisor: Prof. Dr. ZIHINDULA MUSHENGGEZI Elie
Institut Supérieur Pédagogique de Kaziba South-Kivu DR Congo

2021: Undergraduate thesis (Bac+3): *Mathematical modeling of the population growth*,
Supervisor: Zirhumanana BALIKE Dieudonné
Institut Supérieur Pédagogique de Kaziba South-Kivu DR Congo

Presentations in conferences

2022: Topic: The PageRank method in an online search. The case of the Google search engine
Institut Supérieur Pédagogique de Bukavu South-Kivu DR Congo

2024: Topic: Mathematical modelling of propagation of a rumour on social networks
Institut Supérieur Pédagogique de Kaziba, South-Kivu, DR Congo

Teaching Experience and Positions

2019–2024:

Teacher of mathematics and Physics at secondary schools South-Kivu DR Congo

January 2024–Present: Research and Teaching Assistant (Junior Lecturer), Institut Supérieur Pédagogique de Kaziba (ISP Kaziba), Institut Supérieur de Développement Rural de Kaziba
South-Kivu, DR Congo

- Taught courses of Affine geometry
- Taught courses of Linear Algebra
- Taught courses of Galois theory
- Taught course of Ordinary Differential Equations
- Taught course of Data analysis

January 2024–Present:

Chief of the staff of the General Director of ISP Kaziba South-Kivu DR Congo Served as Chief of Staff, managing the Director's office, coordinating the executive agenda, and overseeing strategic initiatives.

Others training

15th-27th July 2024:

African Mathematical School (EMA), Université de Lomé,

Topic: Mathematical approach to problems and industrial problems

Awards and Certificates

2025: AIMS Ghana

F.A.K. Allotey Meritorious Award for achieving distinction in coursework and thesis (above 85%)

2024: ISP Kaziba

Excellence Prize for being the overall best student of the university

2019: ISP Kaziba

Excellence Prize for being the overall best student of the university

Skills

Programming skills: Python, R, GAP

Software Proficiencies Photoshop, Excel, Word, PowerPoint, LaTeX

Languages English (Intermediate), French (Fluent)

References

Dr Rhoda J Hawkins, Academic Director at African Institute for Mathematical Sciences (AIMS) Ghana, Department of Physics & Astronomy University of Sheffield, Sheffield S3 7RH, UK

Email: rhawkins@aims.edu.gh

Web page: <http://rhoda-hawkins.staff.shef.ac.uk>

Dr. Angela Tabiri, Academic Manager at African institute for Mathematical Sciences (AIMS Ghana)

Email: angela@aims.edu.gh

I certify on my honour that the information provided above is true and accurate

Cubaka ZAHINDA René