

CURRICULUM VITAE

PERSONAL INFORMATION

Name Olivier KANAMUGIRE

Nationality Rwanda

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EDUCATION

August 2023 – June 2024 **Master's degree in Mathematical Sciences.**
African Institute of Mathematical Sciences (AIMS), Rwanda.
Expected date of graduation: June 2024
Thesis: Advanced deep learning for malaria detection using a microscope.

November 2019 – April 2023 **Bachelor's degree in Applied Mathematics.**
University of Rwanda, College of Science and Technology, Kigali, Rwanda.
Grade: Second class (Upper-division).
Final year project: Theory of generalized functions to analyze the Cauchy problem of wave equation.

January 2013 – November 2018 **Secondary school diploma in MPG.**
MPG: Mathematics Physics Geography
Petit Seminaire Saint Dominique Savio Rwesero, Gicumbi, Rwanda.
Secondary School Certificate with grade 73/73.

WORK EXPERIENCE

April 2021 – June 2021 **Intern**
Rwanda Stock Exchange (RSE)

SKILLS

Languages English – Fluent
French – Beginner
Kinyarwanda – Mother-tongue

Computing skills Microsoft Office
Linux operating system
Git and GitHub
 \LaTeX

Programming Python
R
MATLAB
SQL

ACHIEVEMENTS

June 2023 **Certificate of Merit**
university of Rwanda, Kigali Rwanda
• This certificate was issued by the University of Rwanda to acknowledge the students who have received the principal's roll of honour for their outstanding academic performance in the academic year 2021-2022.

- April 2022* **Honorable Mention Diploma**
Open Mathematical Olympiad for university students (OMOUS)
• Issued by Ministry of Education of Turkmenistan and International University for the humanities and development.
- Dec 2020* **Silver Honour and National award**
Issued by International Youth Math Challenge (IYMC)
• IYMC is an online mathematical competition which consists of three stages. To get a National award, you have to have the highest mark in your country.
- Dec 2020* **Certificate of Completion**
Carnegie Mellon University
• This was the ICT training BootCamp from the 15th to the 16th of April, 2022, under the Python programming and data analytics track.

EXTRACURRICULAR

Volleyball player I obtained the certificate for the best volleyball player in high school, in 2018.
I participated in the national championship- second division 2022-2023.

Pianist Playing piano (Emphasis on classical pieces)
Classical musical composition

REFERENCES

Dr. rer. nat. habil. **Abebe Geletu W. Selassie**
German Research Chair, AIMS Rwanda
KN 3 Rd, Kigali, Rwanda
<https://aims.ac.rw/researcher/dr-d-sc-abebe-geletu/>.
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