

ISINGIZWE Jean Confiance

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NYAKABANDA SECTOR
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EXPERIENCE

African To Silicon Valley Bootcamp(A2SV), Kigali — *Trainee*

PHASE 1, NOVEMBER 2025

This intense program is the firm foundation of my knowledge on Data Structures and Algorithms(DSA), including linked lists, Binary search trees, Sliding windows, pointers, monotonic stacks, and others. All of these were conducted in Python, as we constantly solved problems on Leetcode. We are set to do the final full project in phase 2.

ML-based predictor, self-bootcamp project — *Developer*

OCTOBER 2025 - JANUARY 2026

I did a project that attempted to predict the popular gambling game called Aviator. This was a part of the bootcamp I set for myself that lasted 100 days. The program involved fetching live data from the web HTML console/Developer tools by using JS, storing them in an RDBMS(using a back-end python file) that ended up having 10,000+ rows, and then I developed a ML model by training part of the dataset using different Supervised ML algorithms. The other part was used for testing until the model scored 5.3 RMSE as its best, predicting good results at the time. This was a journey of persistent learning and exploration. The project is available on my Github under [this repository](#).

EDUCATION

Adventist University of Central Africa (AUCA), Gishushu — *Bsc in Software Engineering*

JANUARY 2025 - 2028

I am currently attending university courses for undergraduates at AUCA, and I am set to graduate in 2028.

Collège Saint Andre, Nyamirambo — *Secondary School Certificate*

SEPTEMBER 2021 - AUGUST 2024

I studied here for my Advanced Level Education, in the section of Mathematics, Physics and Computer Science(MPC).

SKILLS

- Python Programming
- JavaScript
- Node Js, React Js
- Data Structures and Algorithms(DSA)
- Flask app development
- Supervised Machine Learning algorithms
- Unsupervised ML algorithms
- Dataset training
- Cisco Packet Tracer(configuring simulated networks)
- Relational DBMS
- Teamwork

BOOTCAMPS

- A2SV Rwanda(Python)
- Kaggle with Python
- HackerRank(Python)
- The Gym(current - JavaScript)

AWARDS/CERTIFICATES

- Kaggle & HackerRank's Certifications–Python
- Cisco's certificates for Junior CyberSecurity Analyst.
- Category B driving licence

LANGUAGES AND HOBBIES

- English & French
- Kinyarwanda
- Playing piano
- Music production(FL)