

TIECOURA ISMAEL COULIBALY

Founder of the **AcademiX bookstore** | Co-founder of **Nexus Maths** |
Founder of the **Computer Club of the Scientific High School of Bobo** |
Independent AI developer | Student passionate about **mathematics and astrophysics**



📞 +226 65257576 @ tiécouracoulibaly203@gmail.com

🌐 <https://linkedin.com/in/tiecoura-ismael-coulibaly-b4b707342> 📍 Ouagadougou, Burkina-Faso

⭐ Champ supplémentaire

ABOUT ME

My name is COULIBALY Tiecoura Ismael, a young student in the final year of the science program at the National Scientific High School in Bobo. I am passionate about mathematics and astrophysics, fields whose exploration of mysteries will always captivate me. I also have advanced skills in computer programming, particularly in HTML/CSS/JS, Python, and Arduino. I have indeed developed several mini-projects (including a real-time translation bot, a chatbot, a field irrigation system using Arduino, ...).

EXPERIENCES

CEO

Nexus Maths

📅 08/2025 - Présent 📍 Ouagadougou, Burkina Faso

President of the Computer Science Club

Lycée Scientifique National de Bobo

📅 12/2024 - Présent 📍 Bobo-Dioulasso, Burkina Faso

It is with this in mind that we created the Computer Club of the National Scientific High School of Bobo-Dioulasso, which aims not only to train students of LSNB in computer languages but also those from the sub-region and even the country!

Volunteer Olympic math teacher

Club de Mathématiques du Lycée Scientifique National de Bobo

📅 10/2024 - Présent 📍 Bobo-Dioulasso, Burkina Faso

Mathematic Research Project

Travail Personnel

📅 07/2025 - 10/2025 📍 Ouagadougou, Burkina Faso and Bobo-Dioulasso, Burkina Faso

A question, has tortured my brain since the tenth grade: if everyone prays to the same God for mutually exclusive wishes, who gets listened to, and at whose expense? This questioning arose from my environment in Burkina Faso. I saw around me a deep faith, but also a resignation in the face of adversity. "May God help us" was often a conclusion and not a prelude to action. This faith in a supernatural savior seemed, paradoxically, to create a form of intellectual and social laziness. If God has a plan for every individual, why bother to come up with one ourselves? I did not arrive at an easy answer of atheism, but at a more refined and far more demanding faith: God is not the anthropomorphic being we imagine, but the sum and interaction of all the variables in the universe. This idea brought me close to the philosopher Pythagoras, to whom "God is number," but my idea is dynamic and deterministic. I think that what we call "fate" or "miracles" are actually the result of a chain of events with 100% probability, if only we could simulate all of the initial conditions. This realization caused my fascination with probabilities at the age of 16. I started with an n-sided die. The ancient formula $P(x) = 1/n$ was revoltingly insufficient to me because it ignores an infinity of factors: the force of the toss, air currents, the surface of the table, the mood of the player. The true probability is a function of an inconceivable number of variables. Pushing this reasoning to its limit, I wondered: if we could collect all the information in the world—human relationships, history, geography, economics—couldn't we predict the future with absolute certainty? Couldn't we become, in a way, the masters of our destiny?

Representant and Team Co-Chef

Club d'Ecologie du Lycée Scientifique National de Bobo Dioulasso

📅 03/2025 - 03/2025 📍 Bobo-Dioulasso, Burkina Faso

This competition aimed to present a project whose goal was the protection and maintenance of the environment in high schools. These projects had to be not only very solid and highly efficient in terms of performance, but also low-cost.

- Chosen as a representative for the ecological competition 'Eco-Lycée'.
- Presented a project focused on environmental protection and maintenance in high schools.
- Achieved 2nd prize during the first participation in the competition.
- Received the Rossignole Prize for the least costly project.

SCHOOLS

Lycée Scientifique National de Bobo Dioulasso

Scientific Baccalaureat (On June, 2026)

📅 10/2023 - Présent

Cours Privé - Le Creuset Plus Ouaga 2000

First Cycle Studies Certificate (GPA : 18.48/20)

📅 09/2018 - 06/2023

LANGUAGES

French

First-spoken
language



English

Advanced



German

Advanced



**Mooré (language
spoken in
Burkina Faso)**

Advanced

