Ablaye **SOW**

master 1 scientific calculation and mathematics of innovation

About me

After obtaining my scientific baccalaureate, my passion for mathematic and computing guided me into the world of all applications associated with them but also into the field of technology. Thus, after obtaining my degree in Applied Mathematics and Computer Science with honors at the Cheikh Anta Diop University of Dakar and being devoted to the applications of mathematics, I further joined the Applied Mathematics Degree of the university of Strasbourg in order to deepen my knowledge because I am aware of the crucial importance of this course in my academic and professional development.

personal

ablaye sow
nationality: SENEGAL
birthday : 18, february 2000

Areas of specialization

Complex system architect · hight performance computing

Interests

scientific computing engineer
Data Scientist
consultant in digital modeling and simulation
Complex system architect
artificial intelligence and machine learning
actuary
hight performance computing

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f Ablaye SOW
 asow1802
in ablaye sow

Degrees

2019 **Baccalaureate**
MATHEMATICS AND PHYSICAL SCIENCE · valdiodio ndiaye high school 🏛

2022 **License**
MATHEMATICS,CRYPTOGRAPHY AND SECURITY · cheikh anta diop university of dakar 🏛

2024 **Licence**
APPLIED MATHEMATICS · University of Strasbourg 🏛

Programming

html, css
LaTeX
python, C, C++
Java
JS, R, Rust, PHP

Experiences

2019–2022 **Installation and Configuration**
DAKAR · UCAD 📍
DNS, DHCP, TELNET, URL filtering, Next generation Firewall...

2019–2022 **design**
DAKAR · UCAD 📍
Desktop Chat Application (in a local network) with RSA Encryption in Java...

2024 **design**
STRASBOURG · Unistra 📍
reinforced learning in c++

2022 **CRYPTO SYSTEM McEliece in Python**
DAKAR · UCAD 📍
This crypto system is important to counter quantum machines.

Certificates & Grants

2024 LanguageCert Entry Level Certificate in ESOL international (Listening, Reading) (LanguageCert Test of English A2)

2023 Computers and Internet

Languages

Wolof	C2	mother tongue
French	C2	● ● ● ○
English	A2	● ● ● ○
Deutch	A1	● ● ● ○

Course

2017-2019 *mathematics and physical sciences/valdiodio ndiaye high school*

2019-2022 *License data transmission and information security/UCAD*

2023-2024 License applied mathematics/UNISTRA

2024-2025 master 1 Scientific Computation and Mathematics of Innovation/UNISTRA

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