

Ahmadou El Bachir Gaye

18 avenue Antonine-Maillet app 424, Moncton, E1A3E9 | 5068991849 | chirbaa10@gmail.com

I am a fourth-year student with 117 credits completed in Applied Computer Science bachelor at Université de Moncton with a very good cumulative average of 3.52 and 4 months of experience as Software developer intern. I am looking for a company which is going to give me the opportunity to have my dream career and to exercise my problem-solving passion and skill by coding.

Education

COMPUTER SCIENCE BACHELOR'S DEGREE | MAY 2023 | UNIVERSITE DE MONCTON

- Related coursework: C++, Python, Java, Assembly, Lex/Yacc, Software engineering and testing, Computer Hardware, AI, Cybersecurity, Parallel algorithms, Math, Physics, Chemistry, French, English
- Main projects: Plane ticket reservation system, 1v1 chess game, Puissance-4 game (in C++), Information system development of a virtual landscaping company, Cybersecurity attack detection, Object detection in Deep learning (in Python)

HIGH SCHOOL DEGREE | JULY 2017 | COURS SAINTE MARIE DE HANN

- Major: Math, Physics, Chemistry, Biology
- Minor: English, French, History, Geography

Skills and certifications

FULL STACK C++ DEVELOPER

- Coding in C++ highly efficient code in C++ using latest STL features
- Assessment of code complexity and performance (i.e. analyzing the code to evaluate its complexity - logarithmic, linear, exponential, quadratic... - in order to compute its temporal and spatial cost)

PYTHON, C++, AI CERTIFICATIONS IN UDEMY ONLINE PLATFORM (PENDING)

- Assisting 17 online courses in Udemy including graph theory, Data structures, Python, ML and DL

MATH AFICIONADO

- Demonstration of mathematical theories and problem-solving

GENERAL SKILLS IN ALL PROGRAMMING PARADIGMS

- Coding in any programming languages including functional, logic, and object-oriented programming languages

MACHINE LEARNING AND DEEP LEARNING

- Neural networks modeling, to train, upgrade and generate results in real life

Experience

CODING CAMP ANIMATOR | EDUCODE ACADEMY/UDEM | JULY 2022

- Supervising students coding in JavaScript to solve interactive problems in Educode Academy website during one week in a Universite de Moncton / Educode Academy partnership

INSTRUCTOR FOR YOUTH | HALF DAY RESERVED TO SCIENCES | JUNE 2022

- Introducing young teenagers to coding and problem-solving

SOFTWARE DEVELOPER INTERN | ELUMICATE INC. | FROM JAN. 2022 TO APR. 2022

- Realization of a project of embedded system software development of connectivity monitor on a Linux device using Shell and C++. The objective was to detect and troubleshoot connection issues for an AI sensor in real-time
- Python coding to automatically detect and count objects in real-time using Deep learning

PRESIDENT OF STUDENT COUNCIL IN CS | UDEM | FROM NOV. 2021 TO OCT. 2022

- Representing Computer Science students in Faculty of Sciences association Administrative Council
- Organization of the Faculty of sciences events

Scholarships

UNI SCHOLARSHIP FOR UDEM STUDENTS | UNI DESJARDINS BANK | APR. 2022

- 1000\$ scholarship from Uni Desjardins bank in the Administration BAFA of UdeM where I was invited by the BAE for my internship in Winter 2022

EXCELLENCE SCHOLARSHIP | UDEM | SEPT. 2021-MAY2022

- 500\$ scholarship from Université de Moncton in 2021-2022 due to good average in 2020-2021

EXCELLENCE SCHOLARSHIP | UDEM | SEPT. 2020-MAY2021

- 1000\$ scholarship from Université de Moncton in 2021-2022 due to good average in 2019-2020

INTERNATIONAL STUDENT HIRING | UDEM | JAN. 2018

- 2000\$ scholarship from Université de Moncton reserved for students of Cours Sainte Marie de Hann school in Dakar