

Contact

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Cherno Basiru Jallow

Nusrat High School ‘24  
SerreKunda, The Gambia

Top Skills

Scientific Research  
Computer Programming  
Javascript  
HTML  
CSS  
Tensorflow.js  
Python(Intermediate)  
Microsoft office packages  
Content Creation  
Public Speaking  
Team Leadership  
Communication

Honors-awards

- 1. April 2024 Best Team member @ Obentas Global technology company
- 2. IC3 GS6 Certification
- 3. Brightest Programmer 2023-2024 Nusrat High School

Research works

- 1. LOWEL AI(Learning from Observations to Improve Water Efficiency and Life)
- 2. Comprehensive Research on E learning platform implementation
- 3. Malarial Detection and Diagnosis with Machine Learning Algorithms(In progress)
- 4. StemBia Research Initiative

Experience

- 1. Lead AI and machine learning intern @ Obentas Global technology company Feb 2024-Present
  - a. Led AI/ML projects, conducted research on e-learning implementation. Won April 2024 Best Team Member, promoted Obentas at Gambia's largest trade fair.
- 2. Nusrat High School ICT Club President July 2023-July 2024
  - a. Led ICT Club (300+ members), organized inter-class tech competitions. Raised GMD 10k+ for tech trips, co-founded Coders Hub. Held weekly meetings.
- 3. Independent Researcher, N/A(Self Directed Project) July 2021-Present
  - a. Conducted independent research, published a preprint. Worked on (still working on) LOWEL AI to detect harmful bacteria in water using ML and sensors.
- 4. Student , Smart Professional College October 2021-July 2024
  - Completed the IC3 Digital Literacy Certification (levels 1 & 2) in Computing, Key Applications and Living Online. Certified by Certiport and Gmetrix.
- 5. Lead Instructor, Nusrat Senior Secondary School July 2022-July 2024
  - Tutored 50+ students weekly on coding/tech skills. Developed lesson plans on how to use: MS Office, build websites, and GIMP graphic design software. Other Club/Activity
- 6. Founder & Content Creator: CBJtech, January 6-present
  - ([youtube.com/@cbjprogrammingskills2956](https://www.youtube.com/@cbjprogrammingskills2956) <https://www.linkedin.com/in/chno-basiru-jallow-4834b8240/> )
  - Loves creating coding tutorials/educational youtube videos; Founded CBJtech channel(2K+ views, 125+ subs). Over 900+ audience following on LinkedIn.

Hello!

I am Cherno Basiru Jallow, a passionate student working at the intersection of computer science and scientific research to share my ideas with the world.  
From a young age, I’ve always been interested in technology and how it can be used to make the world a better place.  
I run [CBJtech](#) youtube channel, where I share my knowledge on programming, AI and tech in general.  
Scientific research is my biggest obsession. [Read my Published LOWEL AI research work preprint here.](#)  
I envisioned to bring the [StemBia](#) initiative which aims to use research and engineering solutions to solve real life problems facing The Gambia, to life.  
At [Nusrat Senior Secondary](#), I served as the president of the ICT club for academic year 2023/2024.  
When not doing anything tech related, I enjoy playing soccer, spending time with family and eating too much chocolate. I currently resides in The Gambia.

7. Keynote Speaker, Nusrat Senior Secondary School March 2023-July 2024  
Invited to present on STEM projects/talks at different clubs career events(250+ in-person) and top tech companies in Gambia during student trips.
8. Self-Taught Programmer, Independent Projects 2021-July 2024  
Self-taught programmer since 9th grade; built web-based study tools for peer/personal use, including a Text-to-Speech generator for oral English exams practices.