

# Prince Joshua Ngojo

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## EDUCATION

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- Cor Jesu College** Davao del Sur, PH  
*Bachelor of Science in Computer Science* 2023 – 2027  
– **Scholarships:** Recipient of the Digos City Scholarship and the Tertiary Education Subsidy (TES) for academic excellence.
- University of Mindanao** Davao del Sur, PH  
*SHS: Science, Technology, Engineering, and Mathematics* 2021 – 2023

## EXPERIENCE

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- Producer & Content Strategist** 2021 – Present  
*The Veiled Path (Spotify) & Substack* Remote  
– Produce digital content focused on the intersection of technology, philosophy, and analytical reasoning.  
– Script and record episodes for a self-improvement podcast, managing the full production lifecycle.  
– Author long-form content on Substack, synthesizing complex technical and philosophical topics.
- ICT Student Assistant** 2023 – 2024  
*Cor Jesu College* Davao del Sur, PH  
– Managed network infrastructure and Wi-Fi configurations across multiple administrative offices.  
– Optimized the university enrollment procedure, reducing processing time for new and returning students.  
– Maintained secure databases for student and alumni records, ensuring data integrity and accessibility.

## PROJECTS

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- Filipino Sign Language Interpreter** - CS Thesis | *Python, MediaPipe, PoseTransformers* Jan 2026 – Present  
– Developing a real-time gesture recognition system to bridge communication gaps for deaf children in classrooms.  
– Implementing PoseTransformer architectures to improve accuracy in dynamic sign language translation.
- School Clinic Patient Management System** | *Java, JavaFX, SQLite* Jan 2026 – Present  
– Streamlined medical record-keeping for the CJC Clinic by developing a desktop application with a focus on UX.  
– Designed a relational database schema in SQLite to manage patient history and inventory efficiently.
- Sinsilyo: Philippine Coin Identifier** | *Kotlin, Jetpack Compose, CNN, TensorFlow Lite* July 2025 – Dec 2025  
– Served as **Project Manager** and Lead Front-End Engineer for an accessibility-focused mobile application.  
– Trained a Convolutional Neural Network (CNN) to identify Philippine currency (1,5,10,20 pesos).  
– Coordinated a team of 5 developers to integrate machine learning models into a seamless Android UI.
- Hidden Secrets: Steganography Tool** | *Python, HTML, CSS, JS* Oct 2025 – Dec 2025  
– Spearheaded the implementation of Least Significant Bit (LSB) steganography to securely embed encrypted data within image files.  
– Designed the overall software architecture, focusing on a modular approach to handle various image formats and encryption protocols.  
– Optimized bit-manipulation algorithms to ensure minimal visual distortion while maintaining high data capacity.
- Luksong Baka: Cultural Tech Revival** | *Unity 3D, C#* Aug 2025 – Oct 2025  
– Developed a 3D simulation of the traditional Filipino game "Luksong Baka," focusing on preserving cultural heritage through interactive media.  
– Engineered custom character controllers and jump dynamics to accurately mimic the physics and timing of the physical game.  
– Implemented an adaptive difficulty system that adjusts hurdle heights and gameplay speed based on player performance metrics.
- Hashing Simulation Animation** | *HTML, CSS, JavaScript* Dec 2024 – Jan 2025  
– Developed an interactive web-based animation to visualize data hashing processes as a final project for Discrete Structures.  
– Implemented dynamic visualizations of hash functions and collision resolution strategies to demonstrate core mathematical concepts.  
– Designed a responsive user interface using HTML and CSS to facilitate real-time student engagement with algorithmic logic.

## EXTRACURRICULAR LEADERSHIP

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- Student Volunteer** | College Red Cross Youth 2025 – Present
- Coordinate community health initiatives and blood donation drives, managing logistics for campus events.
  - Participate in emergency response drills and humanitarian advocacy to promote campus-wide safety protocols.
- Competitive Debater** | Asian Parliamentary Format 2024 – Present
- Specialize as Whip and First Speaker, focusing on logical framing and structured analytical reasoning.
  - Represent the CCIS in competitions, synthesizing complex arguments under strict time constraints.
- Deputy Academic Secretary** | College of Computing and Information Sciences 2025 – Present
- Liaise between the student body and faculty to coordinate academic seminars and departmental updates.
  - Maintain administrative documentation and assist in the organization of technical workshops for CS students.
- Lead Actor** | *The Forsaken Truth, The Session, & When Colors Meet* 2024 – Present
- Delivered lead performances across three independent film productions exploring complex social and historical narratives.
  - Collaborated closely with directors to develop nuanced character arcs and emotional depth for diverse roles.
  - Balanced rigorous rehearsal schedules with academic commitments, demonstrating strong time management and professional discipline.
  - Utilized improvisational and method acting techniques to enhance the authenticity of dialogue and on-screen presence.
- Member** | CJC Math Club 2023 – 2025
- Engaged in collaborative problem-solving sessions and mathematical workshops to enhance analytical reasoning skills.
  - Participated in departmental events and competitions, contributing to the promotion of mathematics within the campus community.

## TECHNICAL SKILLS

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**Languages:** Java, Python, Kotlin, C/C++, SQL (PostgreSQL, SQLite), JavaScript, HTML/CSS, C#  
**Frameworks/Libraries:** React, Node.js, Jetpack Compose, pandas, NumPy, TensorFlow Lite, MediaPipe, Unity 3D  
**Tools:** Git, Google Cloud Platform, VS Code, IntelliJ IDEA Ultimate, Kaggle, Substack, Spotify for Podcasters