

Lulama Lingela

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[My Creative Portfolio](#) | [LinkedIn Profile](#) | [Instagram Art Profile](#) | [GitHub Profile](#)

PROFILE

A passionate, Japanese & South African Engineering student with a strong foundation in mathematics, science, and visual arts. Seeking to apply my interests in virtual & augmented reality to create innovative solutions. Experienced in 2D/3D design, I thrive in collaborative environments and am driven by a desire to push the boundaries of technology.

EDUCATION

BSc Eng in Electrical & Computer Engineering (final-year)

Jan 2023 - Dec 2026

University of Cape Town

- Qualified for Dean's Merit List 2023, 2024, 2025
- Awarded the Faculty Entrance Scholarship (Engineering & the Built Environment)

Herschel Girls School (Graduated Gr 12)

Jan 2018 - Dec 2022

Cape Town

- Achieved 88% average with 8 distinctions (100% in Visual Arts)

WORK EXPERIENCE

English Tutor

Mar 2020 - Present (6 years)

Private, Japan

- Weekly online tutoring and assisting with English assignments for a student in Japan.

Computer Science Tutor

Feb 2026 - Present (6 months)

University of Cape Town, Cape Town

- Tutor for 2nd-year Computer Science courses at UCT: CSC2001F & CSC2002S.

Equity Research Intern

Jun 2026 - Jul 2026 (3 weeks)

Coronation Fund Managers, Cape Town

- Reviewed various Initiation Reports, and presented 2 investment cases to Analysts.

Software Development Engineering Intern

Nov 2025 - Feb 2026 (3 months)

Amazon Web Services, Cape Town

- Designed and implemented 2 backend APIs to automate an internal workflow in a large-scale system.
- Built an event-driven notification system using AWS (Lambda, SNS, SES).

Information Systems Intern

Nov 2024 (2 weeks)

Coronation Fund Managers, Cape Town

- Optimized & automated an existing manual client data-screening system using SQL.

3D Graphic Designer (Commission)

Jul 2024 - Aug 2024 (3 weeks)

BH Media, Cape Town

- Created a 3D t-shirt mockup using Blender, based on the client's design.
- Included renders from different angles & rotating, walk-cycle animation of the final product.

Japanese Interpreter

Feb 2024 (1 week)

Colt Talent Agency, Cape Town

- In-person interpreting for a Japanese model at a Oral B TV commercial shoot.

Marketing Intern

Jan 2024 (3 weeks)

Go Metro, Cape Town

- Completed market research on UK target companies and competitors.
- Presented a plan to suggest ways to enhance company website and blog post content.

Developer Intern

Nov 2023 - Dec 2023 (3 weeks)

Sozo Labs, Cape Town

- Completed the 'Create with Code' course (basics of Unity 3D & C#).
- Created my first game as part of the game jam project.

Future You! Programme (hosted by Coronation Fund Managers)

Jul 2025

Investment Analysis, Communication, Teamwork, Professional Development

- Selected for the 1-week inaugural Coronation Future You! Winter School Programme, offering practical exposure to asset management. Core activities included analysing a JSE-listed company, forming an investment thesis with a long-term outlook and presenting to senior analysts, portfolio managers and client servicing fund managers.

Instructables Contest: PIKO Fitness Tracker (Make It Wearable)

Apr - May 2025

Character Design, Animation, Arduino Code, 3D Printing

- Awarded the Design & Make Judges Award for developing PIKO (an ESP32-powered fitness tracking buddy), which works as a smartwatch that tracks a user's activity status and daily steps count: [Link to Project](#)

McKinsey Forward Program (hosted by McKinsey & Company)

Apr - Jul 2025

Problem-solving, Communication, Team Leadership

- Selected for and completed McKinsey & Company's Forward Program — a 10-week global learning journey focused on business problem-solving, hypothesis-led thinking, and professional communication.

Summer Lab Camp (hosted by African Research Society)

Feb 2025

Laboratory Research, Digital Imaging, Confocal Microscopy, Cell Biology

- Participated in 2-week laboratory shadowing involving research on Confocal Microscopy of a human brain sample, and introduction to Biomedical Engineering work done at the University of Cape Town.

Emerging Artists' Exhibition (hosted by the City of Cape Town)

Nov 2024

Visual Art: Painting

- 2 of my paintings were selected to be part of the Cape Town Emerging Artists' Exhibition in SA Sending-gestig Museum, Long Street and later in Iziko Orientation Centre, Groot Constantia.

McKinsey Immersion Bootcamp (hosted by McKinsey & Company)

Oct 2024

Consulting, Frontend development, React, Problem-solving

- Participated in a 3-day bootcamp that focuses on teamwork and collaboration. Solved a consulting case, to bring a meaningful presentation to the client as a team. Utilised skills such as data analysis, front-end development, ML model training, and presentation skills.

GirlCode Hackathon: SafeCampus Mobile App

Aug - Sep 2024

App development, Flutter, Dart, UI design

- 2nd prize winner of 10th Annual GirlCode Hackathon (Cape Town) for developing 'SafeCampus', a mobile app designed to enhance campus safety for university students. The app aligns with the UN's social development goals by providing a discreet solution for a secure campus community: [Link to Project](#)

Daily Life of an Egg

Dec 2023

Game development, 3D modelling, Unity 3D, Blender, C#

- My personal game project created as part of a game jam during my internship at Sozo Labs: [Link to Game](#)

Create with Code Course (by Unity 3D)

Completed

Game development, Unity 3D, C#

- Online course to learn the basics of Unity 3D and game development and make multiple mini games through learning.

Blender Beginner Donut Tutorial (by Blender Guru)

Completed

3D modelling, Blender

- Online Youtube course to learn the basics of Blender and ultimately make a fully-rendered donut animation.

Yale Young African Scholars 2021 (hosted by Yale University)

Completed

Leadership, Communication, Teamwork, Critical thinking, AI Ethics

- Intensive academic & enrichment program designed for African secondary school students planning to pursue tertiary education who aim to make a meaningful impact in communities.

SKILLS

- Programming: Python, Java, C
- Mobile App Development: Flutter, Dart
- Cloud Computing: AWS Services
- 3D modelling: Blender
- Game Development: Unity 3D, C#
- Japanese: JLPT N1 (native)
- Graphic Design: Procreate
- Music: Bass guitar, Violin, Guitar
- Data Analysis: SQL

CLUBS & SOCIETIES

- Chevo Collective (Instructables Team)
 - Project Manager
- Caffeinated (music band)
 - Leader, Bass guitarist
- UCT Developer's Society
- Women in Computer Science
- African Research Society
- Cortex Club (Neuroscience)

AWARDS & ACHIEVEMENTS

2026

- Elected as a class representative for 4th year class of Electrical Engineering (University of Cape Town).
- Successfully completed Amazon Software Development Engineer Internship (3 months).

2025

- Awarded the Design & Make Judges' Award for Make It Wearable contest on Instructables.
- Selected for and completed the McKinsey Forward Program.
- Completed 25 hours of the Summer Laboratory Camp hosted by the African Research Society.
- Elected as a class representative for 3rd year class of Electrical Engineering (University of Cape Town).
- Passed the N1 Japanese-Language Proficiency Test.
- Offered Amazon Software Development Engineer Internship (for Dec 2025).
- Accepted to serve as an EBE mentor for 1st year students.

2024

- Second Prize Winner of the 10th Annual GirlCode Hackathon (Cape Town).
- Received the Award for the Top Achiever for Engineering & the Built Environment in Baxter Hall Residence.
- Received the Award for Outstanding Academic Achievement (aggregate over 70%).
- Selected to participate in the McKinsey Immersion Bootcamp (McKinsey & Company).
- Participated in the Cape Town Emerging Artists' Exhibition with 2 paintings.

2023

- Received the Award for the Top Achiever for Engineering & the Built Environment in Baxter Hall Residence.
- Received the Award for Outstanding Academic Achievement (aggregate over 70%).
- Received the Coronation Exceptional Student Bursary (Coronation Fund Managers).
- Elected as a sub-committee member of Genshiken (Anime Society, University of Cape Town).

2022

- Received the Mary Muller Picture of the Year Award for the Most Outstanding Artwork in the Matric Exhibition.
- Received The Waterfield Prize for Commitment, Initiative and Fellowship in the Creative Arts.
- Received a Certificate of Academic Excellence.
- Received the Choral Prize for Service to Choral Ensembles.
- Placed 4th overall in PC#5 (Mean Ghrad) of South African Championships.
- Achieved B+ in the Grade 8 exam for Irish Dance.
- Received Honours in Dance at school.
- Achieved 96% in Kaapse Afrikaanse Eisteddfod Baroque String Ensemble.
- Achieved 91% in Kaapse Afrikaanse Eisteddfod for Violin.
- Placed 2nd overall in PC#5 (Mean Ghrad) of Dance Trax Féis (Irish Dance competition).
- Performed & led the House placing 2nd overall for Inter-house Dance 2022.