

Resume

Creating a polished resume is essential for showcasing my skills and experiences effectively. Here's a structured outline based on my requirements. I can fill in specific details as needed.

Name: Sewmehon Bayu

Address :- Ethiopia

City: Addis Ababa

Your Phone Number:+251-920-763944

Your Email Address: bayusewmehon@gmail.com

LinkedIn Profile: www.linkedin.com/in/sewmehon-bayu-96131b162/

Summary

Dynamic and detail-oriented Electrical Engineer with a focus on Guidance, Navigation, and Control (GNC) systems. Proven ability to design, implement, and optimize complex control systems. Strong background in embedded systems and simulation tools, complemented by hands-on experience in robotics and aerospace applications.

Work Experience**GNC researcher**

INSA —City: Addis Ababa, State: Ethiopia

Year-2008 – Present

- Developed and optimized GNC algorithms for
- Collaborated with multidisciplinary teams to integrate sensor systems.
- Conducted simulations using MATLAB/Simulink to validate control strategies.
- Assisted in the design and testing of autonomous vehicle navigation systems.
- Implemented real-time data processing algorithms using autonomous vehicle navigation systems
- Participated in the development of autonomous vehicle automation, enhancing system performance by 80% sensors selection and integration achievement.

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Education

Degree Earned] in Electrical Engineering

University HARAMAYA — City: Harar, State: Ethiopia

Month, Year-2003 – Month, Year-2007

- Relevant coursework: Control Systems, Signal Processing, Robotics, Embedded Systems, fundamental programing.

Technical Skills

- Control Systems: [Specific techniques or software]
- Programming Languages: [e.g., C/C++, Python]
- Tools: [e.g., MATLAB/Simulink, LabVIEW]
- Embedded Systems: [e.g., Arduino, Raspberry Pi]

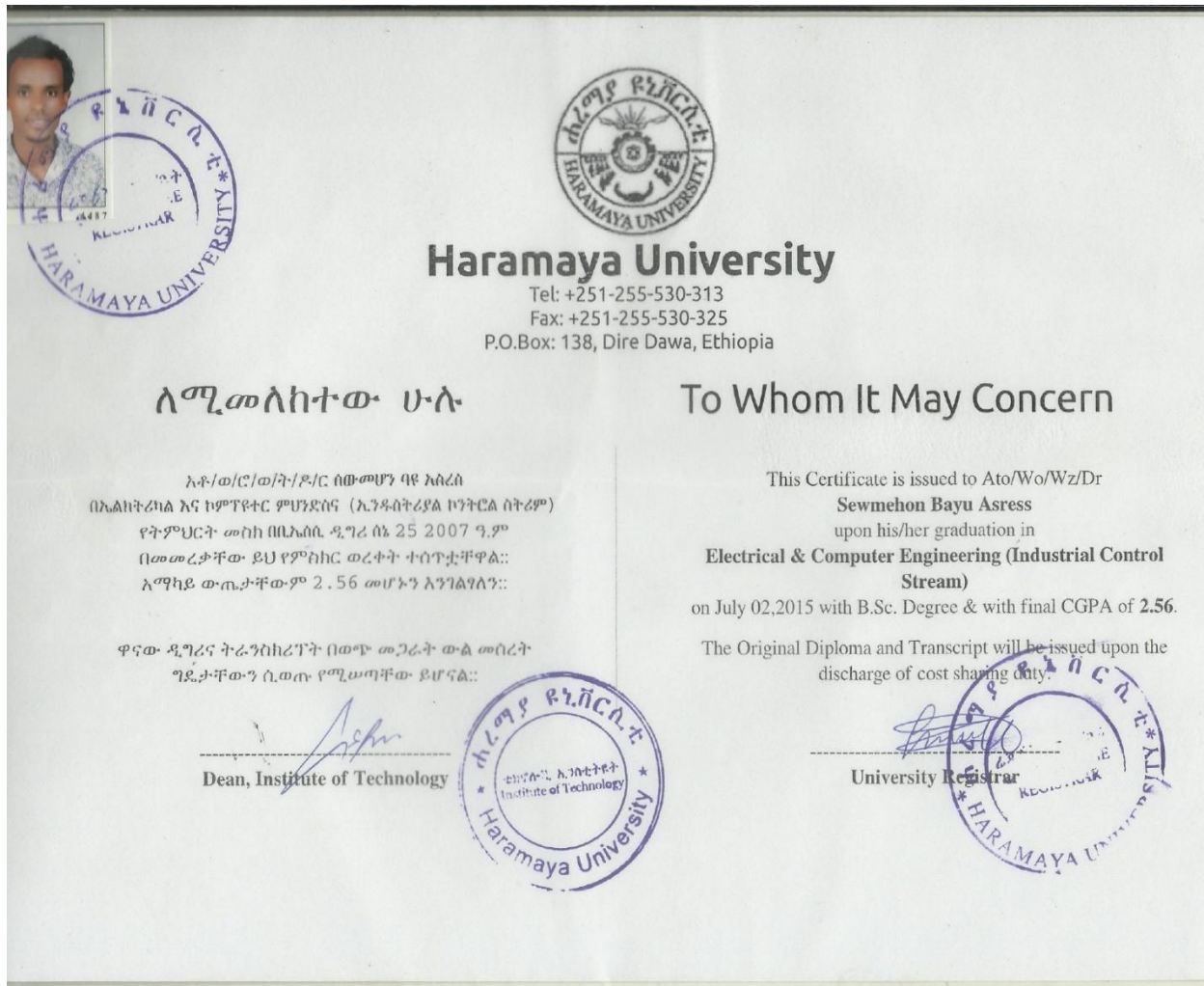
Certifications (Optional)

- Introduction to Cybersecurity ,cisco-2024
- fundamental programing ,udacity-2024
- Data Analysis Fundamentals, udacity-2024
- Introduction to Cloud Computing,IBM-2023
- Motors and Motor Control Circuits, University of Colorado-2022
- Sensors and Sensor Circuit Design, University of Colorado-2022

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Resume

University document is attaching here



The image shows a graduation certificate from Haramaya University. It features a portrait of the graduate on the left, the university's logo and name in Amharic and English in the center, and the text of the certificate in both languages on the right. The certificate is signed by the Dean of the Institute of Technology and the University Registrar, with their respective circular stamps.

Haramaya University
Tel: +251-255-530-313
Fax: +251-255-530-325
P.O.Box: 138, Dire Dawa, Ethiopia

ለሚመለከተው ሁሉ **To Whom It May Concern**

አቶ/ወ/ሮ/ወ/ት/ዶ/ር ሰውመሆን ባዩ አሰረስ
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አማካይ ውጤታቸውም 2.56 መሆኑን አንገልግለን።

This Certificate is issued to Ato/Wo/Wz/Dr
Sewmehon Bayu Asress
upon his/her graduation in
Electrical & Computer Engineering (Industrial Control Stream)
on July 02, 2015 with B.Sc. Degree & with final CGPA of **2.56**.

ዋናው ዲግሪና ትራንስክሪፕት በወጭ መጋራት ውል መሰረት
ግዴታቸውን ሲወጡ የሚሰጣቸው ይሆናል።

The Original Diploma and Transcript will be issued upon the
discharge of cost sharing duty.

Dean, Institute of Technology University Registrar

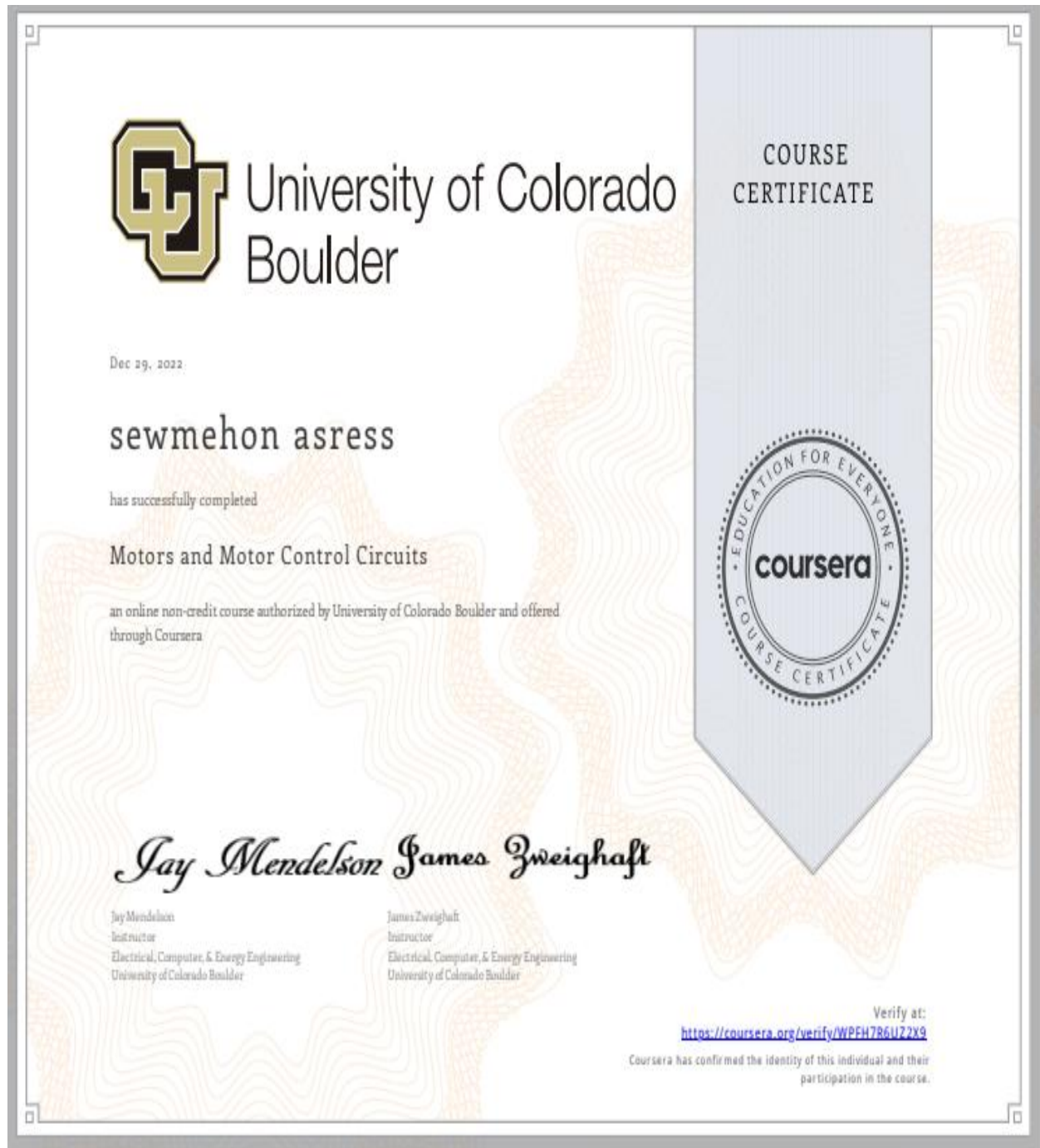
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CERTIFICATE OF COMPLETION

This is awarded to

sewmehon bayu

For completing a 4 Month ALX Software Engineering Programme
in **Back-End Web Development**

A stylized, handwritten signature in white ink, likely belonging to Fred Swaniker.

FRED SWANIKER
Founder & CEO, AL Group

A stylized, handwritten signature in white ink, likely belonging to Julien Barbier.

JULIEN BARBIER
Chief Product Officer, ALX



Date of issue: 17th April 2025

Program completion date: 15th April 2025

Scan the qr code or visit <https://savanna.alxafrica.com/certificates/PyNm8LcJSC> to validate the certificate

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bayusewmehon@gmail.com
Phone no: 251-0920763944



CERTIFICATE OF COMPLETION

This is awarded to

sewmehon bayu

For completing Professional Development Skills
for the Digital Age.

A white handwritten signature of Fred Swaniker on a dark blue background.

FRED SWANIKER
Founder & CEO, AL Group

A white handwritten signature of Jaco Jansen van Rensburg on a dark blue background.

**JACO JANSEN VAN
RENSBURG**
VP of Learning, ALX



Date of issue: 29th October 2024

Program completion date: 29th October 2024

Scan the qr code or visit <https://intranet.alxswe.com/certificates/S9TrEYRMnB> to authenticate this certificate

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