

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.

Resume

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 programming.

Technical Skills

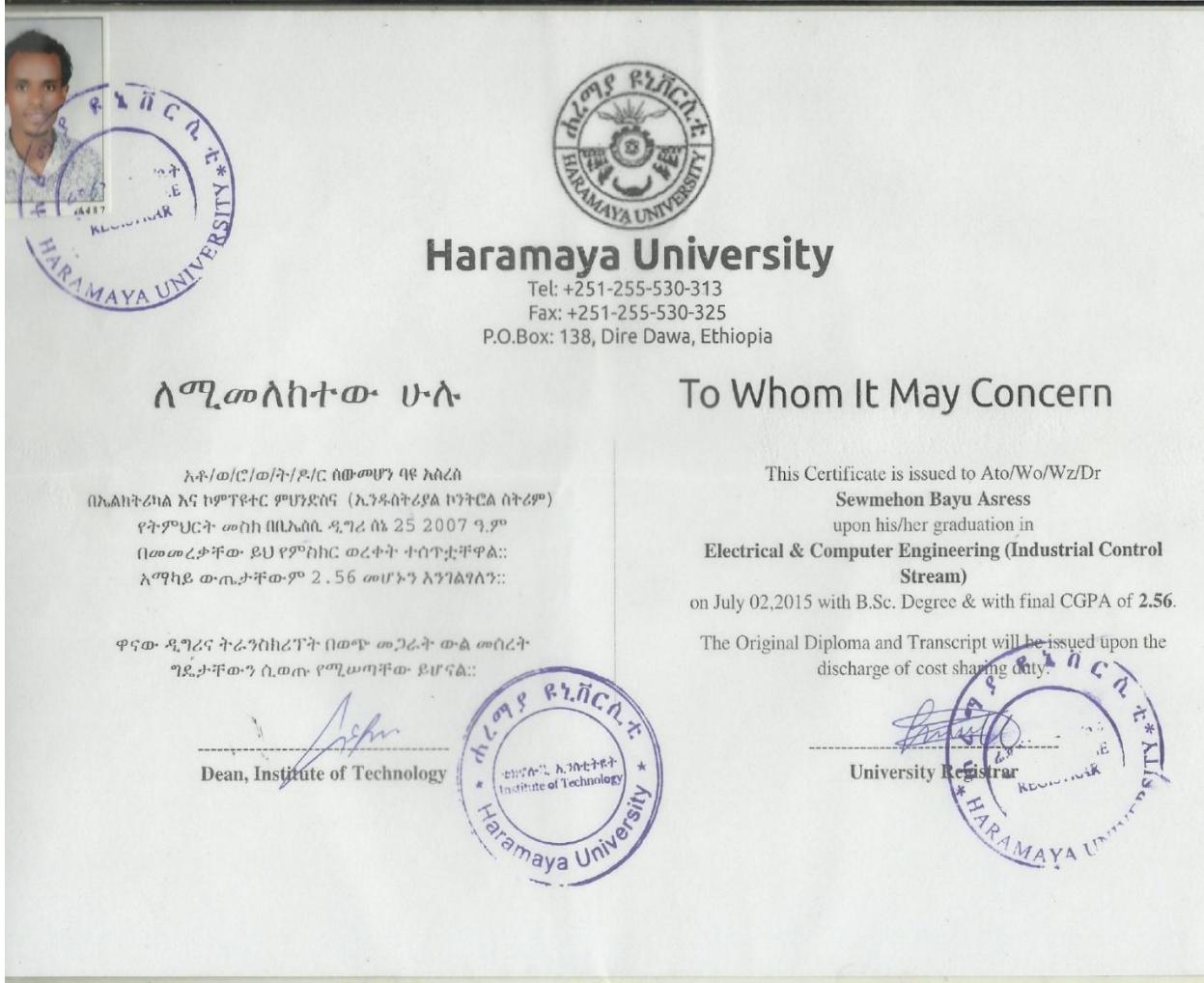
- Control Systems: [Specific techniques or software]
- Programming Languages: [e.g., C/C++, Python]
- Tools: [e.g., MATLAB/Simulink, LabVIEW]
- Embedded Systems: [e.g., Arduino, Raspberry Pi]

Certifications (Optional)

- Introduction to Cybersecurity ,cisco-2024
- fundamental programming ,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

Resume

University document is attaching here



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Resume



University of Colorado
Boulder

Dec 29, 2022

sewmehon asress

has successfully completed

Motors and Motor Control Circuits

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

COURSE
CERTIFICATE



Jay Mendelson James Zweighaft

Jay Mendelson
Instructor
Electrical, Computer, & Energy Engineering
University of Colorado Boulder

James Zweighaft
Instructor
Electrical, Computer, & Energy Engineering
University of Colorado Boulder

Verify at:

<https://coursera.org/verify/WPFH7R6UZ2X9>

Coursera has confirmed the identity of this individual and their participation in the course.

Sewmehon bayu
bayusewmehon@gmail.com
Phone no: 251-0920763944

CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

Sewmehon Bayu Asress

HAS SUCCESSFULLY COMPLETED THE COURSE
UPGRADING TO JAVA 8 TUTORIALS

Dated: December 16, 2022

ID: UzQ8sALBj

URL: <https://www.educba.com/certificate/?cv=UzQ8sALBj>

A handwritten signature of "Ilyas" over a blue ribbon banner.

Course Director

A handwritten signature of "Rajeshwar" over a blue ribbon banner.

Head of Training

A handwritten signature of "Omkar" over a blue ribbon banner.

Course Mentor

www.educba.com

*Sewmehon bayu
bayusewmehon@gmail.com
Phone no: 251-0920763944*

Resume



CERTIFICATE OF COMPLETION

This is awarded to

sewmehon bayu

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

A handwritten signature in black ink.

FRED SWANKER
Founder & CEO, AL Group

A handwritten signature in black ink.

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

Resume



CERTIFICATE OF COMPLETION

This is awarded to

sewmehon bayu

For completing Professional Development Skills
for the Digital Age.

A handwritten signature in black ink, appearing to read "Fred Swaniker".

FRED SWANIKER
Founder & CEO, AL Group

A handwritten signature in black ink, appearing to read "Jaco Jansen van Rensburg".

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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