



Hayat Hasen Yesuf

Nationality: Ethiopian | **Gender:** Female | **Phone number:** (+251) 942323848 (Mobile) |

Email address: hayuhassyas@gmail.com | **LinkedIn:** [Hayat Hasen](#) |

Address: Belay Zeleke Rd., 6000, Bahir Dar, Ethiopia (Home)

● ABOUT ME

A highly motivated Electrical and Computer Engineer with a strong academic background and hands-on experience in network design, telecommunications, and problem-solving. Skilled in teamwork, communication, and technical project execution. Certified in graphic design, with a passion for leveraging technology to solve real-world challenges.

● EDUCATION AND TRAINING

09/2016 – 09/2021 Gondar, Ethiopia

BACHELOR OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING University of Gondar

- Proficient in network design principles and implementation.
- Skilled in telecommunications concepts and technologies.
- Experienced in wireless communication protocols and systems.
- Knowledgeable in optical communication systems and infrastructure.
- Familiar with TCP/IP networking and security practices.

09/2024 Online

CERTIFICATE IN DATA ANALYSIS FUNDAMENTALS Udacity

- Acquired foundational skills in data analysis, including data wrangling, visualization, and statistical analysis.
- Hands-on experience with real-world datasets to derive actionable insights.

11/2024 Online

GRAPHIC DESIGN CERTIFICATION Alison Online Learning Platform

- Proficient in graphic design tools and techniques, enhancing creativity and visual communication skills.
- Skilled in creating visually compelling designs for digital and print media.

● WORK EXPERIENCE

04/2021 – 05/2021 Bahir Dar, Ethiopia

INTERN – NETWORK DESIGN AND INSTALLATION AMHARA NATIONAL REGIONAL STATE SCIENCE, TECHNOLOGY, AND INFORMATION COMMUNICATION COMMISSION

- Assisted in the design and installation of regional communication networks, ensuring scalability and reliability.
- Collaborated with a team to troubleshoot and resolve network-related issues.
- Gained hands-on experience in network infrastructure, including hardware setup and configuration.
- Contributed to the development of technical documentation and reports.

● PROJECTS

06/2021 – 08/2021

Digital Coherent Transceiver for Optical Communication (Thesis)

- Designed and simulated a digital coherent transceiver for high-speed optical communication systems.
- Analyzed system performance under various conditions to optimize data transmission.

04/2020 – 06/2020

Transmission Power Control in CDMA Wireless (Semester Project)

- Investigated and implemented power control mechanisms to improve efficiency in CDMA wireless networks.
- Conducted simulations to validate the effectiveness of the proposed solution.

● LANGUAGE SKILLS

Mother tongue(s): **AMHARIC**

Other language(s): **ENGLISH**

● DIGITAL SKILLS

Proficient in Microsoft Office Suite | Computer Skill | Data Analysis Tools | Simulation Tools | Graphic Design Tools

● SKILL

Soft and Hard Skills

- Network Design, Telecommunications, Optical Communication, Wireless Communication, Data Analysis, Graphic Design
- Soft Skills: Teamwork, Problem-Solving, Communication, Time Management, Adaptability