



Personal Resume

Name:

HABTE
ENDALE
LEGESSE

个人简历

姓名:

李济希



► Applying for: Doctorial Study

Personal Details

Nationality: Ethiopian



Birth Date: 1996-11-15

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Github: <https://github.com/Endale24>

Linkedin: <https://www.linkedin.com/in/endalelegessehabte/>

Website:

Received Certificates

1. Chinese Language proficiency (HSK4)
2. Certificate of Champion Football Tournaments at School
3. Tsinghua University Innovation and Entrepreneurship Certificate
4. Huawei Seeds for Future Program
5. ALX Software Engineering Program (Front-End)
6. Huawei ICT Industry Masterclass in Data Communication
7. 2023 International Training Workshop on Beidou Technologies & Its Application in the Belt & Road Countries. (Academic Exchange Center of China Satellite Navigation System Management Office)

Educational Background

Beijing Jiaotong University School of Electronics & Information Eng.,
Communication Eng., BSc

2017.09-2021.06

Main Courses:- Electric Circuit, c/c++, Analog & Digital Electronics Technology, Signal & System, Digital Signal Processing, Information Theory & Security, Fundamental of Microcontroller, principle of communication system, Communication Electronics Circuit, Fundamental of Electromagnetic Field & Propagation, Fundamental of Wireless Communication, LTE System, PTN Technology and Practice, Mobile Communication e.t.c

Graduation Project:

Topic: **FPGA Design of UART Instruction Controller**

Developed a method to design a universal asynchronous transceiver (UART) instruction control design. The design specifications are as follows: Port Type: UART, System Clock Frequency: 24MHz, FPGA board Type: Altera Cyclone I, Baud Rate: 9600, instruction set Architecture : a+b, ~a, a^b, a*b

GPA: 3.25/4.0

Beijing Jiaotong University School of Electronics & Information Eng.,
Communication Eng., MSc

2021.09-Present

Main Courses: New wireless communication technology, Wireless Channel Theory and Modeling Methods, 5G mobile communication array signal processing, OFDM Mobile Communication Technology, Communication Signal Processing, Microwave Theory and Technology, Digital Communication Theory e.t.c

Research Institute: Modern Communication Research Institute

Research Area: B5G Wireless Communication Technologies

Thesis:

Topic: **Deep-Learning Based Rain Attenuation Prediction Modeling for Microwave and mmWave Band**

Study the climate damage of microwave and millimeter wave band signal transmission in B5G wireless technology using ITU-R research documents. Specifically, research on rainfall attenuation in the microwave and mmWave bands, and how to use current technologies such as AI for prediction.

Hobbies:

- Playing Soccer ⚽
- Cycling 🚲
- Swimming 🏊
- Playing Badminton 🏸
- Playing Table Tennis 🏓
- Reading Books 📖
- Watch Documentary 🎬
- Playing Chess ♟

Campus Experience

School of International

Education, Beijing Jiaotong University

Voluntary Activities

Providing luggage packing & moving services for graduates of 2020 spring, has been called the “Most Beautiful Volunteer” and awarded honorary Certificates.

School of International

Education, Beijing Jiaotong University

Social realization & Cultural Experience Activities

On June 27, 2019, participated in the "Perception of China - Smart Logistics" social practice and cultural experience activity organized by the National Scholarship Council and organized by Beijing Jiaotong University.

Work Experience

Jilin Railway Technology College

Specialty Practice

Overview of railway communication equipment, The use of fiber optic fusion splicers, Communication lines and integrated wiring, Practical training for maintenance electricians, Identification of electrical and electronic components and use of instruments.

2018.06-2018.07

Jilin Railway Technology College

Specialty Practice

Electronic system design, on-site and off campus visits to Jilin Signal Depot.

2019.06-2019.07

Technical Skills

- Front-End Programing: C/C++, Java, CSS, Python, React, HTML
- AI Tech: Deep-Learning (CNNs, RNNs(LSTM, CRNN, FRNN))
- Matlab Programing
- Microsoft 365: Cloud Services(Teams, SharePoint, OneDrive), Documentation services(Word, PowerPoint, Excel)

Language Ability

- Amharic: Native (Ethiopian working Language)
- English: Professional Level(Ethiopian medium of Instruction)
- Chinese: Advanced Level (Passed HSK 5 proficiency Test)