Personal Resume 个人简历

Name: HABTE ENDALE LEGESSE

姓名: 李济希

Applying for: Doctorial Study

Personal Details

Nationality: Ethiopian 🇪🇹

Birth Date: 1996-11-15

Phone No.: 15650787953

Email: endale_21@bjtu.edu.cn
endale2400@gmail.com

WeChat ID: endex96

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., MSc
2021.09-Present

Main Courses: New wireless communication technologies, 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.

GPA: N/A yet

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

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)

Certificates

MSc Certificates

BSc Certificates

北京交通大学硕士研究生成绩单

姓名	HABTE ENDALE LEGESSE	学院	电子信息工程学院
学号	21129039	专业	信息与通信工程
入学时间	20210906	指导教师	陈后金

序号	课程名称	学分	学分	成绩	学年学期
1	工程伦理	16.0	1.0	83.0	2022-2023-1
2	工程伦与与项目管理	16.0	1.0	83.0	2022-2023-1
3	无线通信技术	32.0	2.0	60.0（重）	2022-2023-1
4	虚拟仪器设计	32.0	2.0	60.0	2022-2023-1
5	随机理论与应用	32.0	2.0	78.0	2021-2022-2
6	通信信号处理	32.0	2.0	91.0	2021-2022-2
7	无线信道建模与建模方法	32.0	2.0	90.0	2021-2022-2
8	信号处理技术	48.0	3.0	77.0	2021-2022-2
9	数据挖掘	32.0	2.0	90.0	2021-2022-2
10	图像处理	48.0	3.0	70.0	2021-2022-2
11	论文写作与学术规范	16.0	1.0	88.0	2021-2022-1
12	5G移动通信网络技术	32.0	2.0	88.0	2021-2022-1
13	数字信号处理	32.0	2.0	88.0	2021-2022-1
14	OFDM传输技术基本	32.0	2.0	79.0	2021-2022-1
15	中国概况	32.0	2.0	79.0	2021-2022-1
16	汉语听力	48.0	3.0	80.0	2021-2022-1
17	科技汉语阅读	48.0	3.0	81.0	2021-2022-1

BEIJING JIAOTONG UNIVERSITY
THE PEOPLE'S REPUBLIC OF CHINA

CERTIFICATE OF BACHELOR'S DEGREE

The Degree Awarding Committee, in accordance with "The Regulations Concerning Academic Degrees in the People's Republic of China" has conferred upon Mr. HABTE ENDALE LEGESSE the Bachelor of Engineering together with all honors, rights, and privileges belonging to that degree. Mr. HABTE ENDALE LEGESSE (from Ethiopia, D.O.B. November 15, 1996), who studied Communication Engineering at the School of Electronic and Information Engineering of BEIJING JIAOTONG UNIVERSITY, is qualified for graduation and is entitled to carry out independent work relevant to the aforementioned qualification and specialization. Awarded in Beijing, China on June 16, 2021.

CHAIRMAN   DEGREE AWARDING COMMITTEE
No. 1000442021009008

BEIJING JIAOTONG UNIVERSITY
THE PEOPLE'S REPUBLIC OF CHINA

CERTIFICATE OF GRADUATION

This is to certify that Mr. HABTE ENDALE LEGESSE (from Ethiopia, D.O.B. November 15, 1996), who studied at BEIJING JIAOTONG UNIVERSITY, in the field of Communication Engineering for a Bachelor's degree from September 2017 to June 2021, is qualified for graduation and is entitled to carry out independent work relevant to the aforementioned qualification and specialization. Awarded in Beijing, China on June 16, 2021.

PRESIDENT   BEIJING JIAOTONG UNIVERSITY
No.10004920210500058

北京交通大学 学生成绩表
School Report Card of Beijing Jiaotong University

中文姓名 Chinese Name	护照姓名 Passport Name	学号 Student ID	性别 Gender	国籍 Nationality	学生类别 Category
李详赫	HABTE ENDALE LEGESSE	17219003	男 Male	埃塞俄比亚 Ethiopia	本科 Undergraduate

院系 School	专业 Major	入学日期 Date of Entrance	毕业日期 Date of Graduation	学制 Duration of Study
电子信息工程学院 School of Electronic and Information Engineering	通信工程 Communication Engineering	2017-09-01	2021-06-16	四年 Four Years

通过课程
Passed Course

课程名称 Courses	学分 Credits	考试成绩 Mark	考试时间 Exam time	课程属性 Course Type
初级汉语综合（一）Elementary Comprehensive Chinese	12	71	201801	必修 Compulsory
大学计算机基础 Fundamentals of Computer	2	91	201801	必修 Compulsory
物理实验导论 Introduction to Physical Experiment	1	88	201801	必修 Compulsory
微积分 Calculus	6	91	201801	必修 Compulsory
电类工程素质训练1 Electronic Engineering Training 1	1	92	201806	必修 Compulsory
大学物理（英文）University Physics I(English)	4	89	201806	必修 Compulsory
中国概况 Introduction to China	2	100	201806	必修 Compulsory
物理实验1 Physical Experiments I	1	85	201806	必修 Compulsory
微积分（B）II Calculus(B)II	6	89	201806	必修 Compulsory
汉语口语（专业生）Oral Chinese (Degree Students)	2	86	201806	必修 Compulsory
专业实习 Specialty Practice	1	P	201806	必修 Compulsory
电路实验 Circuit Experiment	2	84	201901	必修 Compulsory
大学物理（A）II University Physics (A) II	4	76	201901	必修 Compulsory
工科化学 General Chemistry	2	65	201901	必修 Compulsory
物理实验II Physical Experiments II	2	86	201901	必修 Compulsory
信号与系统 Signals and System	4	95	201901	必修 Compulsory
C语言程序设计 C Programming	3	75	201901	必修 Compulsory
电路 Circuits	4	96	201901	必修 Compulsory
人力资源讲座II HR Workshop II	1	P	201907	选修 Optional
数字电子技术 Digital Electronics Technology	3	71	201907	必修 Compulsory
模拟电子技术 Analog Electronics Technology	4	79	201907	必修 Compulsory
数字信号处理 Digital Signal Processing	4	86	201907	必修 Compulsory
信息安全理论基础 Theoretical Principle of Information Safety	2	81	201907	必修 Compulsory
单片机基础 Foundation of Microcontrollers	1	67	201907	必修 Compulsory

单片机课程设计 Course Project of Microcontrollers	1	75	201907	必修 Compulsory
高级程序设计训练 Advanced Program Design Training	2.5	84	201907	必修 Compulsory
通信电子线路 Communication Electronic Circuits	2	81	202001	必修 Compulsory
线性代数 Linear Algebra	2	90	202001	选修 Optional
通信原理 Principles of Communication Systems	4	78	202001	必修 Compulsory
通信电子线路 Communication Electronic Circuits	2	81	202001	必修 Compulsory
通信原理实验 Principles of Communication Systems Laboratory	2	88	202001	必修 Compulsory
微机原理与接口技术 Principle and Interface Technology of Microcomputer	3	75	202001	必修 Compulsory
电磁场与电磁波 Electromagnetic Field and Electromagnetic Wave	3	69	202001	必修 Compulsory
信息论基础 Fundamentals of Information Theory	2	85	202007	必修 Compulsory
无线通信基础 Fundamentals of Wireless Communications	3	74	202007	必修 Compulsory
通信网理论基础 Fundamentals of Communication Networks	3	74	202007	必修 Compulsory
光波技术基础 Fundamentals of Light Wave Technology	3	88	202007	必修 Compulsory
通信工程专业综合实验 Comprehensive Experiment of Communication Engineering	2	89	202007	必修 Compulsory
移动通信系统综合专题研究课 Mobile Communication Systems Integrated Thematic Research Course	3	90	202007	必修 Compulsory
未来互联网综合专题研究课 Future Internet Integrated Thematic Research Course	3	86	202007	必修 Compulsory
概率论与数理统计（B）Probability and Statistics (B)	3.5	93	202007	必修 Compulsory
互联网原理与技术 Principles of Internet and Technology	3	83	202012	必修 Compulsory
LTE通信系统及实践 LTE (Long Term Evolution) communication system and practice	2	93	202012	必修 Compulsory
PTN技术及实践 PTN (Packet Transport Network) technology and practice	2	96	202012	必修 Compulsory
统一通信技术及实践 Unified communications technology and practice	2	87	202012	必修 Compulsory
专业英语系列讲座 Lecture Series	2	B+	202012	必修 Compulsory
专业实习 Graduate Training Practice	2	P	202105	选修 Optional
毕业设计（论文）Graduation Project (Dissertation)	15	B+	202106	必修 Compulsory

应修学分：146   实获学分：146
Required Credits: Earned Credits:

平均学分绩点：3.25/4.0
Grade Point Average (GPA):

北京交通大学国际教育学院
College of International Education
Beijing Jiaotong University
公章 Seal:
日期 Date: 2021-6-16

Certificates

Campus Experience Certificates

荣誉证书

李济希：

在2020年春季学期，为境外毕业生等提供行李打包及搬家服务，授予"最美志愿者"称号，

特发此证，以兹鼓励。

北京交通大学国际教育学院

2020年7月24日

HONORARY CERTIFICATE

HABTE ENDALE LEGESSE :

The certificate is presented to award you the title of "Outstanding Volunteer" for your voluntary packing service for graduates in 2020 spring semester.

Beijing Jiaotong University
College of International Education
July 24, 2020

活动证书
—ACTIVITY CERTIFICATE—

赵敏 先生/女士：

于2019年6月27日参加由国家留学基金委员会举办、北京交通大学承办的"感知中国——智慧物流"社会实践与文化体验活动。

特此证明。

北京交通大学
国际教育交流中心
2019年6月30日

Certificate of Activity Participation

This is to certify that TITHI UMECHING CHOWDHURY has participated in the social practice and cultural experience activity of "China Perception - Intelligent Logistics" held by China Scholarship Council and organized by Beijing Jiaotong University on 27th, June, 2019.

Center for International Education
Beijing Jiaotong University
30th June 2019

获奖证书
Certificate Award

李济希 同学 21129039 学号

国际教育 学院

在2022中外学生足球赛国际杯，获得了冠军

At 2022 International Faculty Of BJTU Football Cup Invitation, has completed the first place on this football competition .

北京交通大学国际教育学院
International Faculty of
Beijing Jiaotong University

2022.10.9
Date

Specialty Practice Certificates

Certification

TITHI UMECHING CHOWDHURY has finished the specialty practice study in Jilin Railway Technology College, Jilin Province of China. The study includes : Overview of railway communication device, The use of optical fiber fusion splicer, Communication lines and integrated wiring, Practical training of maintenance electrician, Electrical and electronic components identification and instrument use, Chinese for foreigners and Culture teaching on campus and visiting The Overhaul Base of Jilin Signal Depot and The Vehicle Workshop of Jilin Locomotive Depot off campus.

The certification is to confirm your study achievement.

Jilin Railway Technology College
27th Jul 2018

Certification

AMARASEKERA SONAL UMAYANGANA has finished the specialty practice study in Jilin Railway Technology College, Jilin Province, China. The study includes: Curriculum Design for Electronic System on campus and visiting Jilin Signal Depot off campus.

The certification is to confirm your study achievement.

Jilin Railway Technology College
13th Jul 2019

Certificates

Extra-Curricular Study Certificates

ALX Full Stack Software Engineering Program

INTERNATIONAL WORKSHOP ON BEIDOU TECHNOLOGIES AND ITS APPLICATIONS

Tsinghua University Certificate Program

Huawei Seeds For Future Program

Language Proficiency Certificates

Recommendation Letters