




Dereje Hinsermu Senbatu

Date of birth: 11/01/1996


Nationality: Ethiopian

Gender: Male

CONTACT

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Other: <https://github.com/firaoll/dereje>

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WORK EXPERIENCE

25/11/2018 – 25/02/2019 – Addis Ababa, Ethiopia

Robotics engineer, Internships

iCog Labs Software consultancy.

Building **Text to Speech** Recognition for Afaan Oromoo (local language).

06/09/2020 – CURRENT – Addis Ababa, Ethiopia

Researcher

Artificial Intelligence Institute

Data Preprocessing, Feature Engineering, Training Machine Learning models: Developing a model, and Writing a research paper

26/12/2020 – 08/11/2021 – Addis Ababa, Ethiopia

IT Expert

Motion Consultancy and Training PLC

Provision of IT and related supports (Software installing, Updating, Networking, standardization of specifications for IT materials whenever the need arises), Facilitation and Preparation (Contribution, Compiling, formatting and Circulating) of Green Fire Newsletter on a monthly basis, Preparation of Audiovisuals/Animations (Logo, Values, Culture, uniqueness, Mo-Way, Training and other events, and Designing and Facilitating printing of printable (Letters, Reports, Proposals, ID card, Business Card, Stickers, Broachers.

EDUCATION AND TRAINING

01/10/2014 – 10/07/2019 – Bale Robe, Ethiopia, City:Bale Robe, Ethiopia

BSc in Electrical and Computer Engineering

Madda Walabu University

<http://www.mwu.edu.et/>

LANGUAGE SKILLS

MOTHER TONGUE(S): Oromo

OTHER LANGUAGE(S):

Amharic

| | | | | |
|------------------------|----------------------|--------------------------------|---------------------------------|----------------------|
| Listening C2 | Reading C2 | Spoken production C2 | Spoken interaction C2 | Writing C2 |
|------------------------|----------------------|--------------------------------|---------------------------------|----------------------|

English

| | | | | |
|------------------------|----------------------|--------------------------------|---------------------------------|----------------------|
| Listening C2 | Reading C2 | Spoken production C2 | Spoken interaction C2 | Writing C2 |
|------------------------|----------------------|--------------------------------|---------------------------------|----------------------|

DIGITAL SKILLS

Microsoft Office

Microsoft Word / Microsoft Powerpoint / Microsoft Excel

Programming Language

C++ / Python

Miscellaneous

Computer Vision / Robotics / Proteus and Multisim: Tools for Circuit designing / TensorFlow / Arduino IDE / OpenCV / ROS / Tensorflow, Keras, KNN, CNN, Clustering / Machine Learning / Artificial Intelligence / Pandas

NETWORKS AND MEMBERSHIPS

2018 - CURRENT

Member of Ethiopian Space Science and Technology Institute

Bale Robe

Member of Ethiopian Space Science and Technology Institute (2018 - present)

RECOMMENDATIONS

- Sissay Dechasa – Engineering Collage Director – dsissay@gmail.com – (+251) 0911550875
Recommended based on the ICT EXPO held on June 06 - June 10 at the Millennium Hall.
- Dinku Worku – Head Department, Electrical and Computer Engineering – dinku.w19@gmail.com – (+251) 0913351049
Recommended for Best Graduation Project of the year.
- Dr.Parmod Kumar – Associate Faculty, School of Energy and Electromechanical Engineering, Hunan University of Humaniti – dr-kumar2019@yandex.com – (+91) 7838779082
Recommended for Different projects
- Tesfa Yohannes – Chief Technology Officer – tmyohannes@gmail.com – (+251) 0913784009
Recommended for Natural Language Processing Project done together

HONOURS AND AWARDS

10/07/2019

**BSc Thesis Project of 2019 Electrical and Computer Engineering
Department Graduates Award(1st Rank)** – Madda Walabu University

10/01/2020

Introduction to Python – Analytics Vidhya

Successfully Completing the free course of Introduction to Python provided by

Analytics Vidhya

<https://courses.analyticsvidhya.com/certificates/amfabtzkaa>

07/01/2021

Programming for Everybody (Getting Started with Python) – Coursera

an online non-credit course authorized by the University of Michigan and offered through **Coursera**

<https://www.coursera.org/account/accomplishments/verify/3DE957AXBGV8>

23/12/2020

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through **Coursera**.

<https://www.coursera.org/account/accomplishments/verify/7YUL22NLSMYH>

14/12/2020

Convolutional Neural Networks in TensorFlow – Coursera

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

<https://www.coursera.org/account/accomplishments/verify/WHLM3YHW64JA>

25/11/2020

Convolutional Neural Networks – Coursera

an online non-credit course authorized by DeepLearning.AI and offered through **Coursera**

<https://www.coursera.org/account/accomplishments/verify/DN57BPXQ9SDZ>

21/10/2020

Introduction to Deep Learning – Kaggle

<https://www.kaggle.com/learn/certification/derejehinsermu/intro-to-deep-learning>

16/10/2020

Introduction to Machine Learning – Kaggle

<https://www.kaggle.com/learn/certification/derejehinsermu/intro-to-machine-learning>

10/06/2019

Performance Recognition and Participation Award – Ministry of Innovation and Technology

Best performance recognition and participation as an exhibitor at the ICT EXPO

ETHIOPIA, JUNE 06-JUNE 10 2019 held at millennium hall

16/05/2018

IT Essentials: PC Hardware and Software – Cisco Networking Academy

Have successfully completed the following courses for the IT Essentials PC Hardware and Software Training Program given at Madda Walabu University Cisco Training center

HOBBIES AND INTERESTS

● **Gaming**

Playing and Watching Football.

● **Watching Movies**

Movies that are related to current scenarios and technology, also with innovation and comedy.

● **Traveling**

Travel to Historical Places to Visit, Outgoing, and Social.

● **Community Service**

Volunteering at local companies, clubs, and organizations

VOLUNTEERING

2014 - 2019

● **Community Services**

Bale Robe, Ethipia

Volunteered on a variety and number of community services through campus greenery, activated

Participant in Community Services and Exemplary Work (2014-2019)