

# Curriculum Vitae

**Teklay Birhane**

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## Computer/Technical Skills

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Programming	Python, PHP, C++, C#
Web Development	Designer, HTML, CSS, Java Script, SQL
Operating Systems	Linux and Windows operating system
Documentation Software's	MS Office products
Deep learning frameworks	Scikit-learn, Keras, Tensor flow
Data Science	Data Analysis and Machine Learning

## Work Experience

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February, 2021 - Present	Lecturer, Mekelle University, Ethiopia
September, 2017 - September, 18	Graduate Assistant, Mekelle University
June, 2017 - November, 2017	Legal Transcriber in higher supreme court of Tigray, Ethiopia.
June, 2016 - September, 2016	Project Manager and Coordinator Online Trade Registration and License System (OTRLS), Ethiopia.

## Language

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Fluent in	Tigrinya, Amharic and English.
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## Education

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October 2018 - February 2021	<b>MSc. in Information Science</b> , Haramaya University Thesis: “Developing an Integrated Knowledge-Based System for Early Detection of Eye Refractive Error Using Data mining Techniques”.
September 2014- July 2017	<b>BSc. in Information Science</b> , Mekelle University Thesis/Project: “Online Shopping System (OSS) for Romanat Electronics Center”.

## Publications

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1. Birhane, Teklay & Hailu, Birhanu. (2019). Design and Implementation of IR System for Tigrigna Textual Documents. *International Journal of Modern Education and Computer Science*, 11, 31-38. 10.5815/ijmecs.2019.11.05.
2. Teklay Birhane, Brhanu Hailu, " Predicting the Behavior of Blood Donors in National Blood Bank of Ethiopia Using Data Mining Techniques", *International Journal of Information Engineering and Electronic Business(IJIEEB)*, Vol.13, No.3, pp. 39-48, 2021. DOI: 10.5815/ijieeb.2021.03.05.
3. Teklay Birhane, Dr. Dereje Teferi and Tariku Mohammed. An Integrated Knowledge-Based System for Early Detection of Eye Refractive Error Using Data Mining. *SINET: Ethiopian Journal of Science*, 44(2): 223–233, 2021. DOI: <https://dx.doi.org/10.4314/sinet.v44i2.9>.

## Certifications and Awards

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Frontend Fundamentals course	2020 from purple
Introduction to Machine Learning course	2020 from kaggle
Data Analysis using Python intermediate level	2021 from IBM
Intermediate Machine Learning course	2021 from kaggle
Python course	2021 from kaggle

## Community/Volunteer Activities

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Charity club

2015-2017

## **Social Skills and Competences**

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Well organized person, end-oriented work capacity, problem-solving attitude, responsibility, self-respect and self-reliance ability to establish and maintain good working relations with people of different national and cultural backgrounds, ability to live and/or serve in hardship locations, free from any bad habit and misuse of public resource.