



## Getnet Bogale Begashaw (PhD Candidate)

**Nationality:** Ethiopian **Date of birth:** 29/04/1992

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**Email address:** [getnetbogale145@gmail.com](mailto:getnetbogale145@gmail.com)

**Home:** Addis Ababa, 1000 Addis Ababa (Ethiopia)

### WORK EXPERIENCE

#### Lecturer at Department of Data Science

**Debre Berhan University** [ 11/03/2021 – Current ]

City: Debre Berhan | Country: Ethiopia

#### Lecturer at Department of Statistics

**Wollo University** [ 18/10/2018 – 09/03/2021 ]

City: Dessie | Country: Ethiopia

#### Research manager

**ATRONS Consulting & Training Center** [ 01/07/2021 – Current ]

City: Debre Berhan | Country: Ethiopia

### RESEARCH AND DEVELOPMENT MANAGER

**Addis Zeybe Media Company** [ 18/05/2021 – 15/08/2021 ]

City: Addis Ababa | Country: Ethiopia

#### Senior Researcher

**ICOS Consulting PLC** [ 14/04/2021 – 10/10/2022 ]

City: Addis Ababa | Country: Ethiopia

#### Data analysts

**Center of Excelllence International Consulting PLC** [ 06/02/2023 – 04/09/2023 ]

City: Addis Ababa | Country: Ethiopia

### EDUCATION AND TRAINING

#### Doctor of Philosophy in Statistics

**Bahir Dar University** [ 15/09/2021 – Current ]

City: Bahir Dar | Country: Ethiopia | Website: [www.bdu.edu.et](http://www.bdu.edu.et) | Field(s) of study: Natural sciences, mathematics and statistics: • Statistics | Final grade: 3.38 | Valid until: 14/06/2025 | Thesis: ANALYZING DETERMINANTS OF MALNUTRITION WITH APPLICATION TO MACHINE LEARNING CAUSAL INFERENCE

#### MSc in Biostatistics

**Debre Berhan University** [ 15/10/2016 – 15/06/2018 ]

Address: Bahir Dar, 6000 Bahir Dar (Ethiopia) | Website: [www.dbu.edu.et](http://www.dbu.edu.et)

## Bachelor of Statistics

**Mekelle University** [ 04/07/2012 – 27/06/2015 ]

Address: Mekelle, 7000 Mekelle (Ethiopia) | Website: [www.mu.edu.et](http://www.mu.edu.et)

## Bootcamp - Full-stack Web Development (MERN)

**Evangadi Tech** [ 24/10/2023 – 13/06/2024 ]

City: Maryland | Country: United States | Website: [www.evangadi.com](http://www.evangadi.com)

## Bootcamp - Data Analytics and Business Intellegnce

**Datanomics Technologies** [ 14/05/2023 – 15/12/2023 ]

City: Bridgewater | Country: United States | Website: [www.datanomics.com](http://www.datanomics.com)

## Preparatory challenge course for Nanodegree program at Udacity

**Udacity** [ 14/12/2023 – Current ]

City: California | Country: United States | Website: [www.udacity.com](http://www.udacity.com)

## Bootcamp - Full-stack Data Sciecnce

**Baacumen** [ 24/06/2024 – Current ]

Country: United States | Website: <https://baacumen.com/>

## LANGUAGE SKILLS

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**Mother tongue(s):** Amharic

**Other language(s):**

### English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

### ETHIOPIAN SIGN LANGUAGE

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## Software and Framework SKILLS

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### Full-Stack Web Development Skills

Git, GitHub, GitLab, Git Desktop / Solid foundation in Backend Development: NodeJS, NestJS, etc. / VSCode, Visual Studio / Front-end Webd Development / MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS)

### Data Science Skills

Organizational and planning skills / Data Analytics, Data Visualization / SPSS and SAS / Databases (MySQL, PostgreSQL, Oracle) / Data analysis using EViews and Stata / Visual Analytics Tools: Tableau, PowerBI / Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation / programming: Python, MATLAB and SQL / R Programmimg

## PUBLICATIONS

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[2018]

**Explicit Application of Two-Level Multi-Level Logistic Regression**

[2019]

## **Demonstrating the Performance of Accelerated Failure Time Model Over Cox-PH Model of Survival Data Analysis with Application to HIV- Infected Patients Under HAART**

[2020]

### **Review of Outlier Detection and Identifying Using Robust Regression Model**

[2020]

### **socioeconomic, demographic, and environmental associated with stunting among children under five years old in Ethiopia**

## **NETWORKS AND MEMBERSHIPS**

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[ 13/04/2017 – Current ] Addis Ababa - Ethiopia

### **Ethiopian Statistician Association**

[ 12/04/2020 – Current ] Addis Ababa-Ethiopia

### **ETHIOPIAN YOUTH DIALOGUE FOR PEACE ASSOCIATION**

## **CONFERENCES AND SEMINARS**

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[ 16/05/2021 – 17/05/2021 ] Wollo University - Ethiopia

### **JMFit SAS Macro for Bayesian Joint Modeling of Longitudinal and Survival Data**

[ 04/02/2022 – 06/02/2022 ] Wollo University - Ethiopia

### **Modelling, Analysis and Control Strategies of COVID-19 Transmission Dynamics**

[ 12/08/2021 – 14/08/2021 ] A to Z EduLearnigHub - India

### **Two-Day International Workshop on Statistical Data Analysis Using R Programming**

[ 12/05/2022 – 17/05/2022 ] MathTech Thinking Foundation - India

### **5 Days International FDP on Research Methods in Economics Using STATA Software**

## **PROJECTS**

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[ 04/03/2021 – 08/07/2021 ]

### **Baseline Assessment for AGRIHUB Project**

[ 11/06/2021 – 04/10/2021 ]

### **TEF Row Planter (TRP) Project**

[ 07/10/2021 – 01/01/2022 ]

### **Agricultural One Stop Shop Project**

[ 15/01/2022 – 03/03/2022 ]

### **Integrated Apiculture Value Chain Development Project**

[ 08/08/2022 – 09/09/2022 ]

### **Lived Experience of Commercial Sex Workers during COVID-19 Pandemic**

[ 06/06/2021 – 03/08/2021 ]

### **Assessment of Adherence Behavior with Covid-19 Preventive Measures: A Gender Perspective**

[ 08/05/2022 – 06/07/2022 ]

### **Modelling, Analysis and Control Strategies of COVID-19 Transmission Dynamics: The case of Ethiopia**

## HOBBIES AND INTERESTS

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**Research and Development in Community Service** For the last five years, I have engaged in higher education as a lecturer and researcher and in projects and research aimed to improve the lives and well-being of citizens especially demographical health, agriculture, women, children, and youth. As a youth myself, it is essential for me to continue in creating bigger impacts and social improvements in vulnerable communities so they can have a better quality of life and hope for their future. I always make an effort to provide high-quality research results by incorporating the perspective of minorities, and vulnerable and under-served populations by following culturally acceptable methodologies. My life is dedicated to becoming an international civil servant who strives for agricultural projects, improving maternal and child health, and promoting gender equality and women's empowerment through tailored research activities.

## VOLUNTEERING

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[ 07/05/2019 – 19/08/2019 ] Addis Ababa - Ethiopia

**Senior Data Analysis for Ethiopian national association of the blind**

[ 11/08/2022 – 15/11/2022 ] Addis Ababa - Ethiopia

**Senior Statistician - at Inform Africa Civil Society**

[ 10/03/2023 – 09/06/2023 ] Addis Ababa - Ethiopia

**Research and Development Specialist at Ethiopian Youth Dialogue for Peace Association**

## RECOMMENDATIONS

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**Name: Proffesor Temesgen Zewotir** | Thesis Supervisor

He is my PhD dissertation supervisor

Email: [zewotir@ukzn.ac.za](mailto:zewotir@ukzn.ac.za) | Phone number: (+251) 29038023

**Name: Wudneh Ketema (Ass. Prof PhD Candidate)** | Head Department of Data Sceicne

Head department of Data Sceicne

Email: [wudnehketema12@gmail.com](mailto:wudnehketema12@gmail.com) | Phone number: (+251) 0948444161

**Name: WESEN ALEMU** | Manager

He was my head while I work as volunteer in the Ethiopian national association of the blind

Email: [Wesenalemu@gmail.com](mailto:Wesenalemu@gmail.com) | Phone number: (+1) 3153164456

**Name: Miss. Mulu A.** | Project Staff

She was my field coordinator in many surveys at Atrons Consulting and Training Center.

Email: [muluabebe2112@gmail.com](mailto:muluabebe2112@gmail.com) | Phone number: (+251) 0933214137