



Bezawork Tilahun Mindaye

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📞 **Phone number:** (+251) 953863848

🌐 **Website:** <https://wtm.advocu.com/home/ambassadors/5fbc003d50993e34fe84070e>

📞 **Whatsapp Messenger:** <https://wa.me/qr/MXVPPM7NVRMTN1>

📞 **Telegram:** <https://t.me/bezaworkTilahun>

🌐 **LinkedIn:** <https://www.linkedin.com/in/bezawork-tilahun-8b8a93132/>

🐦 **Twitter:** <https://twitter.com/BezaworkTilahun>

👤 **Researchgate:** https://www.researchgate.net/profile/Bezawork_Tilahun

👤 **Github:** <https://github.com/bezaworkTilahun/>

Gender: Female **Date of birth:** 16/04/1995 **Nationality:** Ethiopian

ABOUT ME

With great distinction, Bezawork completed her bachelor's degree in information systems. She has a Master's degree in Software Engineering from Bahir Dar University, with a specialization in Deep Learning in Medical Imaging. Her research Interest includes Data-Centric AI, Semi-Supervised Learning Computer Vision, and Human-Centered AI. Bezawork works at Bahir Dar Institute of Technology as a lecturer and BiT maker space lead. She teaches Human-Computer Interaction and other Computing courses, as well as mentoring students' research and projects. She also leads a research group at the ICT4D Research Centre as a Principal Investigator on a Machine Learning project. She is Google's Women TechMakers Ambassador and Google Developers Group Bahir Dar co-organizer. In addition, she operates as a program grantee for American Spaces Ethiopia at Bahir Dar American Corner. She also volunteers at Open Hearts Big Dreams, a non-profit situated in the United States. She aspires to be a Social Entrepreneur and thus participate in the Digital Innovation Ecosystem, which will ultimately support long-term development. She is excited to work with worldwide professionals and people from various backgrounds. Fun fact: she adores gardening, petting animals, and enjoying a beautiful sunset.

WORK EXPERIENCE

[02/09/2020 – Current] **Lecturer**

Bahir Dar Institute of Technology

City: Bahir Dar

Main activities and responsibilities:

Teaching, Research, Mentoring and Community Service

[08/07/2018 – 02/09/2020] **Assistant Lecturer**

Bahir Dar Institute of Technology www.bdu.edu.et

Address: Bahir Dar Institute of Technology, 26, Bahir Dar, Ethiopia

City: Bahir Dar

Country: Ethiopia

Business or sector: Education

[08/07/2017 – 08/07/2018] **Gradute Assistant**

Bahir Dar Institute of Technology

City: Bahir Dar

Country: Ethiopia

[30/07/2019 – Current] **Volunteer Staff**

Open Hearts Big Dreams Fund <https://openheartsbigdreams.org/>

Address: Bahir Dar, Ethiopia

Business or sector: Other service activities

Main activities and responsibilities:

I tutor and coordinate tutorial sessions at Bahir Dar American Corner.

[20/08/2019 – 01/11/2019] **Volunteer Lead Trainer of Girls Can Code**

U.S. Embassy Addis Ababa

Address: Addis Ababa, Ethiopia

City: Bahir Dar

Country: Ethiopia

Main activities and responsibilities:

Lead Trainer of Girls Can Code Project at Bahir Dar University. Collaboration with U.S Embassy Addis Ababa and Bahir Dar University Community Service Vice President Office.

[03/03/2020 – Current] **GDG Bahir Dar Co-organizer**

Google Developers Group <https://gdg.community.dev/gdg-bahir-dar/>

Address: 427 University Road, Bahir dar, 427 University Road, Bahir dar, Bahir Dar, Ethiopia

City: Bahir Dar

Country: Ethiopia

Main activities and responsibilities:

I co-organized the Bahir Dar Developers Conference 2020 and keynote speaker at the event.

[08/04/2020 – Current] **WTM Ambassador**

Women TechMakers Bahir Dar <https://wtm.advocu.com/home/ambassadors/5fbc003d50993e34fe84070e>

Address: Bahir Dar, Ethiopia

Main activities and responsibilities:

An independent representative of the Women Techmakers program at Google Developers Group Bahir Dar.

Co-organized East Africa Women Online Safety Hackathon 2021.

Organizer International Women Day 2021 and 2022 Conferences at Bahir Dar Institute of Technology and IWD2021 Online Webinars.

Information upon Request (Caitlin Morrissey WTM Global Lead , morrisseyc@google.com)

[07/03/2020 – 30/06/2022] **Project Principal Investigator**

ICT for Development Research Center

City: Bahir Dar

Country: Ethiopia

Main activities and responsibilities:

Data Gathering, Annotation, report writing, writing conference and journal papers, communication, and financial management.

[01/11/2020 – Current] **Program Grantee**

American Spaces Ethiopia, Bahir Dar American Corner

City: Bahir Dar

Country: Ethiopia

Main activities and responsibilities:

Website: <https://et.usembassy.gov/education-culture/american-spaces/bahir-dar-american-corner/>

Email: Addisamericanspace@state.gov

[01/04/2021 – Current] **Teach for Ethiopia Fellow**

Teach for Ethiopia

City: Bahir Dar

Country: Ethiopia

Main activities and responsibilities:

Tutoring, Coaching and Mentoring female students at Bahir Dar STEM Center.

Information upon request (Alex H. Chere Founder and CEO,
alex.chere@teachforethiopia.org)

[01/07/2021 – Current] **Strategic Plan Advisory Standing Commite**

Bahir Dar Institute of Technology

City: Bahir Dar

Country: Ethiopia

<https://www.insticc.org/node/TechnicalProgram/DeLTA/2022/presentationDetails/112704>

Main activities and responsibilities:

Five Years Strategic Plan Advisory Standing Committee member at Bahir Dar Institute of technology.

[17/07/2021 – Current] **BiT Makerspace Coordinator**

Bahir Dar Institute of Technology <https://bit.bdu.edu.et/bitec/>

Address: 427 University Road, Bahir dar, 26, Bahir Dar, Ethiopia

City: Bahir Dar

<https://twitter.com/BiTecBiT>

Main activities and responsibilities:

Planning, Organizing, and leading, workshops, training Hackathons or MAKEathons and supervising projects. Lead Female Innovation support group.

I have co-organized and facilitated SSI Agri Hackathon 2021 and 2022 under Feed the future ILSSI-IWMI project, African Yam Bean Makeathon, Agri-Tec Hackathon, Agri Teff Workshop, BDU60 Business Idea Competition, Agritec Workshop: Enabling Sustainable Agriculture Innovation in Ethiopia and International Women's Day Tech Summit 2022.

[12/10/2017 – 21/09/2020] **Master of Science in Software Engineering**

Bahir Dar Institute of Technology www.bit.bdu.edu.et

Address: Bahir Dar Institute of Technology, 427 University Road, Bahir dar, 26, Bahir Dar, Ethiopia

Field(s) of study: Software Engineering

Final grade: 3.94 **Level in EQF:** EQF level 4

Thesis: Classifying Wrist MRI for Estimating Chronological Age: An Image Processing and Deep Learning Appro

Main subject / occupational skills covered:

Major Courses

-Big Data Analytics, Machine Learning, Advanced Algorithms and Problem-solving, Advanced Requirement Engineering, Software Verification and Testing, Advanced Software Security, Software Design and Architecture, Software Project Management

Thesis Repository

<https://ir.bdu.edu.et/handle/123456789/11291>

[27/10/2013 – 24/06/2017] **BSc. Degree in Information Systems**

Bahir dar University www.bdu.edu.et

Address: 26, Bahir dar, Ethiopia

Field(s) of study: Information Systems

Final grade: 3.87 **Level in EQF:** EQF level 5

Thesis: Hotel Management System for Grand Resort and Spa

Main subject / occupational skills covered:

Major Courses

Artificial Intelligence, Expert Systems, Decision support systems, Information System Security, Multimedia Information Systems, Information Storage and Retrieval, System and Network Administration, Data Structure and Algorithms, Computer organization and Architectures, Statistic and Probability, Discrete Structures, Applied Mathematics, Introduction to Logic, Fundamentals of Programming, Object-Oriented Programming, System Analysis and Design, Database Management System, Internet Programming, Data Communication and Networking System, E-commerce and Requirement Engineering

[20/07/2017 – 24/06/2018] **Diploma in Higher Diploma Programs**

Bahir dar Univesity

Address: Bahir dar, Ethiopia

Level in EQF: EQF level 5

[12/09/2016 – 05/08/2017] **Cisco CCNA Routing and Switching Certification**

Bahir dar University

Address: Bahir dar, Ethiopia

Level in EQF: EQF level 5

[12/09/2012 – 05/08/2014] **Ethiopian University Entrance Examinations (EUEE)**

El Shaddai Holy Saviour Preparatory school

Address: Addis Abeba, Ethiopia

Level in EQF: EQF level 4

[12/09/2010 – 05/08/2011] **General Secondary Education Certificate Examinations (EGSECE)**

Holeta Secondary school

Address: Holeta, Ethiopia

Level in EQF: EQF level 3

[12/09/2001 – 05/08/2009] **Ethiopian Primary School Leaving Certificate**

Holeta Primary School

Address: Holeta, Ethiopia

Level in EQF: EQF level 2

[01/02/2021 – 09/02/2021] **Fundamentals of Digital Marketing**

Google Digital Skills For Africa <https://learndigital.withgoogle.com/link/1ar27gu2qdc>

Final grade: GKH QHC RKZ

<https://learndigital.withgoogle.com/link/1ar27gu2qdc>

LANGUAGE SKILLS

Mother tongue(s): Amharic

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Oromo

LISTENING B1 READING A2 WRITING A2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

DIGITAL SKILLS

My Digital Skills

Software Platforms

Google Digital Garage: Digital Marketing | Microsoft Office | Graphic edition software (Photoshop, GMP) | Ms SQL Server | Basic graphic design - Canva | Zoom | Google (Google Meet, Google Docs, Google Classroom, Google Drive, Google Site) | Strong Computer Skills | Social Media Marketig

Research Tools and Programming Languages

Google Co-Laboratory (for Python Library) | Overleaf Latex | VScode and Github | Jupyter notebooks | Software Engineering Design Patterns | Nvidia Cuda | Web Development HTML 5 CSS JavaScript | Python (Anaconda Environment) | C++ C Java JavaScript PHP Prolog | TensorFlow TensorBoard | GPU (NVIDIA) | MATLABSimulink | Automated Software Testing | Machine Learning Keras TensorFlow | TensorFlow, sikit-learn, Keras, OpenCV, Graphlab | Computer vision (image processing image restoration)

HONOURS AND AWARDS

Honours and awards

- Gold Medalist of a graduate class of 2017 from Computing Faculty, Bahir Dar Institute of Technology, Bahir Dar University.
- I have recognition from the Bahir Dar University Gender office for being Top female student from Bahir Dar Institute of Technology during the celebration of International Women's Day 2017.
- Top 2nd female scorer from Universities in Amhara Regional State on March 8 Women's Day 2016, awarded money (60USD) from Amara Women and Child Affairs office.
- Supervised a project titled "Robotic Arm Control by Android App", awarded as best final year project in the year 2019.
- Awarded a studentship sponsored by Health Data Research UK and Think Big Postgraduate Scholarship at the University of Bristol, UK.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication

Excellent problem solving , team working, communication and decision making skills via BDAC program coordinator.
Excellent communication skills gained from participating as a speaker in public programs.
Good organizational skills via mentoring projects.
Good tutoring skills via work experiences as an instructor at BiT.
Good report writing and presentation skills through research, coursework and Makerspace coordinator.
Optimist ,

SOFT SKILLS

Leadership Skills

Leadership skills via Educational background. Group Leader all academic year on Campus.
Good team spirit building via life skill coach in Bahir Dar University.
Good organizational skills via program coordinator at Bahir Dar American Corner.
Good organizational skills at the ICT4DA conference 2019 and ICAST2021.
Good organizational skills via Lead Trainer of Girls Can Code Next-Generation 2019 at Bahir dar University.
Good organizational skills via organizer Bahir Dar Developers Conference 2020, International Women's Day 2021, and 2022.
Good managerial skills via project management on community service software projects and Graduating class projects.
Good managerial skills gained as a volunteer staff of Open Hearts Big Dreams NGO.
Good program organization as Hackathon and Makerthon organizer at BiT Makerspace.

<https://www.linkedin.com/in/bezawork-tilahun-mindaye-8b8a93132/>

PUBLICATIONS

[2022]

RCOVNET: Adaptable Recursive Convnet for Real-Life Character-Image Recognition

<https://www.insticc.org/node/TechnicalProgram/DeLTA/2022/presentationDetails/112704d>

RESEARCH(ONGOING AND TO BE PUBLISHED)

Research

Classifying Wrist MRI for Estimating Chronological Age: An Image Processing and Deep Learning Approach(Thesis)

HisDatasetEthiopic: Dataset and Methods for Ancient Ethiopic Manuscript Transcription(Co-Author)

Spatial prediction of depth to groundwater level using machine learning approach in Robit and Dangishta watershed (MSc Thesis Co-Advisor)

RECOMMENDATIONS

Manager

Name: Seifu Admasu Tilahunb (PhD)

Phone number: (+251) 911816827

Email: seifu.admassu@bdu.edu.et

Scientific Director of Bahir Dar Institute of Technology

Associate Professor of Hydrology

Bahir Dar, Ethiopia

Course Tutor

Name: Mekuanint Agegnehu(PhD)

Phone number: (+251) 9774390277

Email: memekuanint.agegnehu@bdu.edu.et

Assistant Professor at Faculty of Computing

Deputy Scientific Director for Research and Community Service

Bahir Dar Institute of Technology-Bahir Dar University

Bahir Dar, Ethiopia

Thesis Supervisor

Name: Million Meshesha (PhD)

Phone number: (+251) 911318062

Email: million.meshesha@aau.edu.et

Associate Professor at Addis Ababa University,

School of Information Science

Addis Ababa ,Ethiopia

Manager

Name: Teklemichael Tefera

Phone number: (+251) 911529759

Email: TeferaT@state.gov

Director, American Spaces & EducationUSA Advisor

