Desalegn Betizazu Alemu

Data Analyst/Scientist and Machine Learning Eng.

I am passionate about advancing in the field to become a recognized industry expert. My strong communication skills enables me to have an effective collaboration in teams and independent work. I am actively seeking skill enhancement opportunities and engaging with experienced professionals to drive my growth. I am committed to success, and confident in surpassing current achievements and achieving career aspirations.

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📍 Prague, Czech Republic

⬡ www.github.com/bitzsalex

in www.linkedin.com/in/bitzsalex

🪐 www.bitzsspace.com

SKILLS

Programming
Java · C# · Python · C++

Database Management
SQL · MySQL · Oracle

Version Control
Git · Github

Data Files
Ms. Excel · Google Sheets · JSON · CSV · HDFS

Data Analysis
Power BI · Tableau · Gathering Data · Cleaning Data · Analyzing Data · Visualizing Data · Labeling Data · Image Processing · Developing ML Models

Soft Skills
Leadership · Problem solving · Communication · Time management · Fast Learning · Planning · Teamwork · Organization

PROJECTS

Optical Character Recognition for Amharic Documents (_using Python_**)**
- Thesis work undertaken for a Master's degree in Artificial Intelligence

Ford GoBike Ride Data Analysis and Visualization (_using Python_**)**
- Analysis of the Ford GoBike System Dataset, including information about individual rides made in a bike-sharing system covering the greater San Francisco Bay area in February 2019. The dataset includes 16 features and 183412 entries.
- Packages used: Pandas, Numpy, Matplotlib, Seaborn
- https://www.kaggle.com/code/betizazualemu/ford-gobike-eda-visualization

WeRateDogs Tweeter Account Tweets Analysis (_using Python_**)**
- I went through the process of Data Wrangling and Analysis. In the project, I collected data from 3 different sources, assessed, cleaned, and analyzed them.
- Packages used: Pandas, Numpy, Matplotlib, Tweepy
- https://www.kaggle.com/code/betizazualemu/weratedogs-tweet-analysis

Udemy Courses Analysis (_using Excel_**)**
- By consolidating and analyzing diverse datasets, I determined that investing in Web Development courses could enhance the company's profitability.
- https://docs.google.com/spreadsheets/d/1Sbj-pARgxsbu1k702oxxSjdTpdRpIHXql6y11AW0Mbs/edit?usp=sharing

The Movies Dataset Analysis (_using Python_**)**
- I analyzed, found connections and patterns among features, and concluded a dataset about movies collected starting from 1960 - 2015GC.
- Packages used: Pandas, Numpy, Matplotlib
- https://www.kaggle.com/code/betizazualemu/tmdb-movies-analysis-ipynb

LANGUAGES

English - Competent User - **B2 (**IELTS 6.5**)**
Korean - Independent User **- B1 (**TOPIK Level 3**)**

WORK EXPERIENCE

E2E Supply Chain Analyst Intern (*Jul 2024 - Present***)**
ABInBev · *Prague, Czech Republic* · https://www.ab-inbev.com/

Tasks: *Contact Person:*
- Analyzing daily loading and unloading activities   Mikolasik, Ondrej
- Analyzing daily Extra Cost causes   ondrej.mikolasik@ab-inbev.com
- Communicating results with key stakeholders   +420 272 078 845

Lecturer (*Sep 2023 – Feb 2024***)**
Hawassa University · *Hawassa, Ethiopia* · https://www.hu.edu.et/

Tasks: *Contact Person:*
- Giving students course lectures   Wogene Alemayehu
- Carrying out scholarly research   wogenea@hu.edu.et
- Developing software applications as a community service   +251 913 413 362

Courses Taught:
- Data Analysis, Machine Learning

Front-End Web Developer (*Sep 2020 – Aug 2021***)**
WordSphere · https://wordsphere.com

Tasks: *Contact Person:*
- Converting UI designs into front-end web pages   Mohammad Rajib
- Customizing web functionalities   iamra7ib@gmail.com
- Run tests for newly added web functionalities

Assistant Lecturer (*Oct 2017 – Aug 2020***)**
Hawassa University · *Hawassa, Ethiopia* · https://www.hu.edu.et/

Positions: *Contact Person:*
- Batch advisor and mentor   Daniel Tesfay
- Laboratory and Common Course Coordinator   danieltg@hu.edu.et
                                                            +251 979 846 084
Courses Assisted:
- Java, Internet Programming, C++, Database

System and Website Developer (*May 2016 – Feb 2017***)**
Insilico Technologies · *Addis Abeba, Ethiopia*
A startup company developing computer software applications for the local market.

Tasks: *Contact:*
- User interface designing   Nigatu Ayele (CEO)
- Database designing and implementing   info@insilicoict.com
- Software development   +251911731227

Positions Held:
- Intern's team lead

EDUCATION

Masters in Economics and Management (*Feb 2024 – Present***)**
Czech University of Life Science (Prague, Czech Republic)
Courses:
- Business Administration   - International Trade   - Economics and Management

Masters in Artificial Intelligence (*Sep 2021 – Aug 2023***)**
Chungnam National University (Daejeon, South Korea)
Courses:

- Machine Learning
- Advanced Image Processing
- Software Architecture
- Information Retrieval
- Deep Learning
- Advanced Algorithms

Bachelor of Science in Computer Science (*Oct 2013 – Jun 2017***)**
Hawassa University (Hawassa, Ethiopia)
Courses:

- Fundamentals of Programming
- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Compiler Design
- Computer Networks
- Software Engineering
- Linear Algebra
- Calculus
- Probability and Statistics

CERTIFICATES

Data Analyst with Python (*May - Sep 2022***)**
- https://www.datacamp.com/statement-of-accomplishment/track/f931ac87b3b06da0ad195c6a4df1b90da2a47ce2

Data Scientist with Python (*May – Sep 2022***)**
- https://www.datacamp.com/statement-of-accomplishment/track/10d6b1033b127832488cea85f86085b02424081b

ALX-Data Analysis Nanodegree (*Jul – Sep 2022***)**
- https://confirm.udacity.com/JGY9ZNFT

IBM Data Science Specialization (*Feb – Mar 2022***)**
- https://coursera.org/share/09505bd2d824a36ce2066fc7c876a49d

VOLUNTEERING ACTIVITIES

- **Mentoring and Advising Students** – as a Batch Advisor at Hawassa University
- **Provide Hardware and Software Maintenance** – as part of community service at Hawassa University
- **Coordinate and Organize Professional Training** – for undergraduate students at Hawassa University

HONORS AND AWARDS

2023/24 Czech Government Scholarship (*Sep 2023***)**
Ministry of Education, Youth, and Sports

Data Analysis Nano Degree (*15 Jul 2022***)**
ALX-T Udacity

2020/21 Global Korea Scholarship (*29 Jun 2020***)**
National Institute for International Education (NIIED)