MILKIYAS GEBRU

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Education

Computer Engineering, *Addis Ababa University* 🔗   10/2018 – 06/2023
- **CGPA - 3.96/4** (Awarded the Gold Medal for being the top scorer in the entire AAiT)
- Relevant Courses taken:
  - Database   - Software Engineering   - Object Oriented Programming
  - Data structures   - Computer Architecture and Organization

Professional Experience

Python Developer, *Holistic Technologies*   10/2023 – present
Technologies : Python, BeautifulSoup, Selenium, WordPress, HTML, CSS, JavaScript, Git
- Automating of Instagram and Threads Posts using Selenium
- Developed a system to automate WordPress article publishing through CRON jobs
- Responsible for managing and maintaining their VPS server.
- Implemented the whole frontend for the company blog site.
- Integrated a seamless payment system into the company blog website using Stripe, ensuring secure and efficient transaction processing.

Software Developer and Head Of Education, *Africa to Silicon Valley (A2SV)*   03/2023 – present
Technologies : Python, Golang
- Created automation scripts in Apps Script and Python to automate students' progress tracking on different learning platforms, reducing the time required from hours to minutes.
- Provided training to 30+ backend development students in GoLang and clean architecture principle.
- Delivered 10+ comprehensive lessons on data structures and algorithms to over 30 students, covering

Backend Engineer, *A2SV, (Rate Eat)* 🔗   08/2022 – 09/2022
Technologies : NodeJs, ExpressJs, MongoDB, Git
- Contributed to the backend development of RateEat.app 🔗 (a Micro Yelp application) using NodeJs and MongoDB.
- Worked on the upvoting and downvoting functionality of business reviews.
- Implemented the CRUD operations of business reviews.
- Worked Unit testing with Jest to make the code bug free.

Research Assistant, *University of Michigan* 🔗   05/2022 – 07/2022
Technologies : Python, Numpy, Pandas
- Research Title - Benchmark suite for Explainable AI.
- Conducted a 3 month long research project focusing on finding different benchmark suits for comparing different explainable AI models under mentorship of Prof. Valeria Bertacco and P.H.D student Andrew Mccrab.
- Presentation Link - BeXAI 🔗
- Github Link - BeXAI 🔗

Awards and Certificate

Recognition of Gold Medalist, *Addis Ababa University*   19/07/2023
Awarded the Gold Medal for being the top scorer in the Addis Ababa Institute of Technology(Engineering Faculty of Addis Ababa University) 🔗

Executive Committee of IEEE student branch Of Ethiopia, *IEEE*
Awarded to the top scores in Addis Ababa University.

Seeds for the Future of 2021, *Huawei*
Certificate of Completion Link - SeedsForTheFuture 🔗

Skills

- **Advanced** : Python, JavaScript, TypeScript, HTML, CSS, NodeJs, ExperssJs, MongoDB, MySQL
- **Intermediate** : C++, GoLang, ReactJs, Git