

BIRUK TASSEW

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Fourth-year software engineering student who is a self-starter and motivated person interested in using data structures and algorithms to face real world problems. he's solved 410+ Leetcode problems so far. Being part in more than 3 teams, as a leader and other roles, He'd demonstrated a great skill in teams. Currently looking for further chances to advance in the field of software engineering.

EDUCATION

Addis Ababa University
BSc. in Software engineering
CGPA - 3.70/4.00

Sep 2019 - June 2024

Relevant Courses: Data structures and algorithm, OOP, Fundamentals of Database, Mobile Programming, Software Engineering, web development, Fundamentals of Networking, Computer architecture

- One of the top 10 university in Africa the the leading in Ethiopia

A2SV - Africa to Silicon Valley
Data Structures and Algorithm - Training

Jul 2022 - present

- A2SV up skills high-potential African students, links them with leading Silicon Valley firms, and develops digital solutions to pressing issues in their home nations.
- In the 2022 Google Software Engineering interview cycle, A2SV students had a **70% (31/44) success rate**.

ALX - Holberten Partner online program
Software Engineering Program

Mar 2022 - Jun 2023

Relevant Courses: Low level programing, High level programing, Systems Engineering/Devops, Web development

- An institution founded in Silicon Valley. I'm attending 12 months, 70 hrs/week , software engineering course given for selected applicants from all over Africa.

EXPERIENCE

New Era Research and Development Center - N.E.R.D
NVIDIA Deep Learning

Feb 2021 - Mar 2021

- I receiving deep learning fundamentals training for 4 weeks, my team won **4th** place at the final hackathon.
- we built an AI system(Uncrowd) that streamlines bus transit in Addis Ababa (capital of Ethiopia and Africa). The AI model was 80% accurate on average.

Icog-Labs
Icog-Makers

Sep 2021 - Mar 2021

- My team and I were able to create a website('Yenat Guada') that allows neighborhood small restaurants to accept online orders and alert their customers when the order is ready after obtaining 6 months of training in website and mobile app development.
- For the frontend and backend, respectively, we utilized HTML + CSS(Tailwind) and Django.
- on a trial run the system helped to minimize the waiting time of a customer to 10 minutes. We won the **3rd** place in the final hackathon thanks to this project.

PROJECTS

Qelem |

Flutter and Full-stack development(Spring-Boot)

- In a team of 5, we developed a flutter app with a RESTful API that allows users to ask questions about a variety of subjects and receive replies from students.

Libra |

Full-stack development(HTML, CSS(Bootstrap) and django)

- In a team of 8, We Implemented a website to aid in the process of teaching and learning.
- The site helped to decrease 75 - 80% of paper work on a trail run.

TECHNICAL SKILLS

Proficient : Python, JavaScript, HTML, CSS

Intermediate : C++, Java, SQL

Web: Reactjs, Nodejs. SprintBoot, BootStrap

Mobile: Flutter

SOFT SKILLS

Dedicated, driven, and reliable

Teamwork: Capable of cooperating well in groups

A proud member of Lewet Rotract club.

LANGUAGES

Native: Amharic

Professional Proficient: English, Oromo