

Kemal Siraj

✉ kemalsiraj24@gmail.com ☎ +251924084460 📍 Addis Ababa, Ethiopia in linkedin 🐙 Github

OBJECTIVE

Mechatronics Engineering student with a strong foundation in data structures, algorithms, and software engineering, highly interested in machine learning. Seeking challenging opportunities in the tech industry to apply my technical expertise, problem-solving skills, and passion for innovation in the field of machine learning.

EDUCATION

Bachelor of Science in Mechatronic Engineering

09/2019 – 07/2025 | Addis Ababa, Ethiopia

Addis Ababa science and Technology university (2nd best technology university in Ethiopia) [🔗](#)

- Relevant Coursework: Robotics, Control Systems, Data Structures, Algorithms, Object-Oriented Programming, Machine Learning, Embedded Systems.

Coding Academy

12/2022 – present | Addis Ababa, Ethiopia

African to Silicon valley (A2SV) [🔗](#)

- A2SV upskills students for top tech roles with a **70% (31/44)** acceptance rate at Google for Software Engineer positions in 2022.
- My experience is marked by rigorous technical training, collaborative projects, and a proven track record of solving over 600 problems on platforms like LeetCode [🔗](#), Codeforces [🔗](#), and HackerRank [🔗](#). This journey has sharpened my problem-solving skills, honed my proficiency in data structures and algorithms, and cultivated effective communication and personal growth.

PROFESSIONAL EXPERIENCE

web developer intern

07/2023 – 10/2023 | Addis Ababa, Ethiopia

Eskalate LLC [🔗](#)

- Collaborated on front-end web development projects using HTML, CSS, React, and Next.js to create user-friendly and responsive interfaces.
- Worked in a team environment, conducting code reviews, and contributing to design and functionality improvements.
- Utilized Git for version control and to coordinate with team members on code changes and updates.

PROJECTS

ClearSight [🔗](#)

08/2023 – 10/2023

Trachoma Early Detection App

- Collaborated within a team of five students to develop a 'Trachoma Early Detection App' for the A2SV Generative AI Hackathon, one of Africa's largest hackathons, with participation from 47 African countries. Our project advanced to the quarter-finals, where we ranked among the top 165 teams selected from over 600, and progressed to the semifinals, securing a position among the top 40 teams.
- Focused on leadership and project management roles, specializing in React-based web development. Proficient in team coordination, project planning, and the development of administrative pages using Reactjs.

A2SV blog post [🔗](#)

07/2023 – 10/2023

- Collaborated in a group to create the A2SV blog post website.
- Played a significant role in developing multiple sections, including About, Projects, Social, and Sessions, utilizing Tailwind CSS and Next.js for design and functionality. Proficiently managed version control and collaboration using Git.

EXTRACURRICULAR ACTIVITIES

Grade 12 Physics Teacher

07/2022 – 10/2022

- Volunteered as a grade 12 physics teacher, providing additional education and guidance to students. Demonstrated effective teaching skills and the ability to convey complex concepts in a clear and understandable manner.

AWARDS

A2SV Consistent Problem Solver

- Recognized for outstanding and consistent problem-solving skills in data structures acquired during A2SV learning on LeetCode. Recognized for consist.

SKILLS

React.js, Next.js, Git



TypeScript, C++, Java, Nodejs, C#



Html, Css, Python, JavaScript

