Christina Hailu's Resume

Software Engineer, Research Assistant, Full-Stack Developer

📞 +251-912-640-427 ✉ University Email Address ✉ Personal Email Address 📍 Addis Ababa, Ethiopia
in LinkedIn   GitHub   🌐 Portfolio

Objective

Ethiopian Software Engineering candidate, seeking opportunities to apply skills and passion for problem-solving in a dynamic software development environment.

Education

Addis Ababa Institute of Technology   **Sep. 2019 – Present**
Bachelor of Science Degree in Software Engineering   *Addis Ababa, Ethiopia*

- Addis Ababa University is ranked 1st in Ethiopia and 1197th in the global 2023 rating.
- CGPA: 3.66/4

Africa To Silicon Valley   **Nov. 2022 – Present**
Data Structures and Algorithm Coding Academy   *Addis Ababa, Ethiopia*

- Non-profit Organization dedicated to equipping African students with advanced skills, linking them to Silicon Valley, and propelling tech-driven transformation across Africa.

School of Tomorrow   **Sep. 2015 – 2019**
High School Diploma   *Addis Ababa, Ethiopia*

Relevant Coursework

- Fundamentals of Data Structures and Algorithm Analysis
- Machine Learning & Big Data
- Mobile Application Development
- Fundamental of Database
- Computer Graphics
- Computer Organizations and Architecture
- Fundamentals of Cybersecurity
- Software Project Management
- Operating System and System Programming
- Fundamental of Electrical Circuits and Electronics

Experience

African Undergraduate Research Adventure (AURA)   **May 2023 – Present**
Research Assistant Internship   *Michigan, USA*

- Created AI-Driven closed-loop communication annotation platform for medical practice
- Developed Paper writing and Formative study experience
- Acquired knowledge in prompt engineering, deep learning, machine learning, and artificial intelligence.
- Gained exposure to hardware & human-computer interaction while working at the Interactive Sensing & Computing Lab
- **Certificate** ⬀ **Slide** ⬀ **Poster** ⬀ **Video Presentation** ⬀

Multimodal Team Emergency Assessment Measures (mTEAM)   **Aug. 2023 – Present**
Web Developer and Data Processor   *Michigan, USA*

- Developing an interactive dashboard to visualize Cognitive Task Analysis.

E-Health & Artificial Intelligence Symposium (e-HAIL)   **Sep. 2023**
Presenter of poster sessions   *Michigan, USA*

- Participated in the Explainable AI discussion group.
- **Poster** ⬀

USENIX ATC'23 OSDI'23 Conference   **Jul. 10 - Jul. 12, 2023**
Attendee   *Boston, USA*

- Participated in the 2023 USENIX Annual Technical Conference in Massachusetts.
- Received a grant as a sponsor for Black Computer Science Students.

Creative Hub Ethiopia
UI/UX Designer & Web Developer Intern

2022

Addis Ababa, Ethiopia

- Contributed to the design and development of Dimir Structure's website.

Commercial Graduates Association(CGA)
Back-end Developer

2022

Addis Ababa, Ethiopia

- Contributed to CGA's Back-end development

8th Global Huawei ICT Competition
Participant

Ongoing

Addis Ababa, Ethiopia

- Engaging in diverse ICT challenges and gaining insights into AI, cloud computing, and Big data

HULT Prize
Participant

Ongoing

Addis Ababa, Ethiopia

- Collaborating within a team to address global social challenges and develop innovative solutions

Eshi Digital
Full Stack Developer Intern

2022

Addis Ababa, Ethiopia

Projects

AI-Enhanced Closed Loop Communication Annotation Tool
ReactJS, Prisma, TypeScript, Python, TablePlus, PostgreSQL

May 2023 – Present

- Implemented effective annotation platform to identify closed loop communication occurrences within simulations.

DOZER: Heavy-Duty Machinery Rental App
Flutter, ReactJS, .Net Core

Oct. 2023 – Present

- Developing Construction Equipment Rental App to streamline rental processes and enhance accessibility.
- Group Leader and Project Manager

Student Marks Prediction Model
Python, Scikit-learn, NumPy, Pandas, Jupyter Notebook

Feb. 2023

- Successfully developed a functional Machine Learning model capable of predicting student marks based on study hours.

Transposition Cipher
Python

Dec. 2022

- Developed an encrypt and decrypt Transposition Cipher implementation from scratch using Python for secure communication.

Matching Game
Javascript, ReactJs

Sep. 2023

- Developed an interactive game to aid lecturers in taking attendance while fostering student familiarity.

EthioRentals
Dart, Flutter

Jul. 2022

- Designed and developed a user-friendly interface for a platform catering to car and house rentals.

Dormitory Room Service
Spring Boot, Thymleaf, HTML, Mysql

Jan. 2022

- Developed a platform aimed at simplifying student life during university attendance.

Beer Pong Game
OpenGL, Pygame

Jun. 2022

Trainings

ALX Africa   **Feb. 2022 – Mar. 2023**
- Full Stack Software Engineering | Back-end
- **Transcript** ↗

Orange Digital Center   **Mar. 2021**
- Modern Development Tools(Git, Github, Figma, Zeplin)
- **Certificate** ↗

Eshi Digital Bootcamp   **Jun. 2022**
- JavaScript, Front-end and Back-end Development, Code Structure and Project Development Style

Technical Skills

Dart: Flutter | C/C++ | JavaScript: NodeJS, ReactJS, ExpressJS | C#: .NET Core | Python | HTML/CSS | TypeScript | Database Management: MySQL, PostgreSQL, MongoDB, TablePlus | Figma | Jira | VsCode, PyCharm | NumPy, Scikit-learn, Pandas

Extracurricular

Online Math Tutor   **2020**
Content Creator   *Online Platforms*
- Produced educational content focusing on teaching math concepts on YouTube and TikTok.
- **YouTube Channel** ↗   **TikTok Profile** ↗

ALERT Hospital   **Jul. 2018 – Aug. 2018**
Volunteer   *Addis Ababa, Ethiopia*
- Recognized for dedicated contributions and support in the hospital.
- **Certificate** ↗

National Natural Science Competition   **Mar. 2018**
Representative, School of Tomorrow   *Addis Ababa, Ethiopia*
- Achieved 3rd position among all participating schools in the national natural science question and answer computing event.
- **Certificate** ↗

Summer Intensive English Language Course   **Jul. 2017 – Sep. 2017**
Bridge School of English   *Addis Ababa, Ethiopia*
- Successfully completed a rigorous two-month English language program, enhancing proficiency and communication skills.
- **Certificate** ↗

Remote Business Training   **Jul. 2020**
DOT Ethiopia   *Addis Ababa, Ethiopia*
- Engaged in a comprehensive remote business training program, acquiring valuable insights into business practices.

Languages

Amharic: Native
English: Highly Proficient

Competitive Programming

LeetCode ↗ Solved over 350 coding challenges on LeetCode.
CodeForces ↗ Solved over 80 coding challenges on CodeForces.
HakerRank ↗

Hobbies

Piano | Drawings | Learning and Trying New Skills