# ALEXANDER SIBHATU

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https://github.com/Alexander-Sibhatu/Alexander-Sibhatu

## Education

**Addis Ababa University**                                                        Sep. 2015 – Dec. 2020
*Bachelor of Science in Electrical and Computer Engineering*                                  *Addis Ababa*

### Relevant Coursework

- Software Methodology
- Database Management
- Artificial Intelligence
- Internet Technology
- Systems Programming
- Network Configuration

## Experience

**Integrify**                                                                     Jan. 2023 – present
*Software Engineer Intern*                                                                   *remote*

- Developed data-driven web app using React and REST APIs. Handled data fetching, integration, and implemented dynamic filtering and sorting options for users.
- Led the end-to-end development of a cutting-edge e-Commerce platform, leveraging expertise in JavaScript, React.js, Node.js, MongoDB, and TypeScript. The project showcased ability to design, build, and deploy a robust, secure, and user-friendly online shopping experience.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

**Alx Software Engineering**                                                      July 2022 – Jan 2023
*Back End Developer Trainee*                                                                  *remote*

- Developed custom print functions in C++ to enhance data visualization and reporting for a financial analysis software project.
- Collaborated with others on a wide range of C++ projects.

## Projects

**E-commerce Web App** | *JavaScript*                                                        June 2023

- Developed a fully functional and user-friendly e-commerce application.
- Created a user-interactive Digital Signal Processing(DSP) platform.
- Implemented mathematical descriptions of signals and systems, displayed on a 2D graphs using MATLAB GUI.

**MATLAB-Based Signals and Systems Trainer** | *MATLAB*                                  September 2020

- Developed a MATLAB-Based packet to train and help students study signals and systems with a visual display on screen.
- Created a user-interactive Digital Signal Processing(DSP) platform.
- Implemented mathematical descriptions of signals and systems, displayed on a 2D graphs using MATLAB GUI.

## Technical Skills

**Languages**: C++, Java, HTML/CSS, JavaScript, TypeScript
**Developer Tools**: VS Code, Eclipse, Google Cloud Platform, Git, GitHub, npm
**Technologies/Frameworks**: React.js, Express.js (Node.js), MongoDB
**Project Management Tools**: Trello, Jira
**Communication Tools**: MS teams, Slack

## Leadership / Extracurricular

**Shared Voices**                                                              Autumn 2023 – Present
*Volunteer*                                                                             *Shared Voices*

- Deliver the Shared Voices programme in an age and setting appropriate style.
- Raising awareness and providing education to participants.
- Contributing to the evaluation of the Programme.

**Meseret Humanitarian Organization**                                        Every Summer 2018 – 2021
*Teacher*                                                                                        *MHO*

- Collaborating one package for one student programme
- Teaching students math and providing teaching materials for other teachers.