

Selomie Kindu Ejigu

Software Engineer with Electrical Engineering Background



EDUCATION HISTORY

Master of Science in Software Engineering

Institution: University of Gothenburg | Chalmers

Institute of Technology - 2023

- Study with a major of software engineering, in addition to management product development process and QA are included

Bachelor of Science in Electrical and Computer Engineering -2016

- Electrical engineering, with a focus on computer engineering.
- A thesis project on the optimization of surveillance-based traffic control | embedded system design
- From 2019 to 2020 Aug I was studying masters in computer engineering but I moved to Sweden due to winning the scholarship.



WORK EXPERIENCE

Consultant Assignment at Volvo Cars through New Minds | Test Automation Sep 2022 - Jan 2022

- Manual Testing on HIL: Software Download
- ECU and application integration test
- Python test development
- CANoe/Vector testing
- Test case Development
- Work with teams in developing test libraries using Python.

SCANIA CV AB | Jan 2022 - Sep 2022

- An industrial project that was conducted in automotive embedded system testing for my study at Chalmers, Full paper can be found [here](#):
- Publication: [Here](#)

Research assistant in software engineering & TA

Chalmers Institute of Technology | Aug 2021 - Jun 2022

- **Part-time student job parallel to my study at Chalmers**
- Designing and implementing a tool that helps to map requirements to CI-CD on Gitlab / Treps feature development using Python.
- Teaching Assistant for Agile development process course

Developer and Trainer at Telecom | 2017-2018

- Frontend using Javascript
- SQL database
- Frontend Test

CONTACT ME



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[GitHub](#)



[GitLab](#)

RELEVANT SKILLS

- Python, R,
- Git
- Test Automation
- Testing frameworks: Selenium, Robot
- CI/CD Pipeline: Jenkins, GitLab CI/CD
- LABVIEW
- CANoe
- Node.js
- Data Modelling and Implementation SQL
- Agile development process
- ISTQB
- React, Bootstrap
- Javascript, HTML, CSS, UI/UX
- Dart programming language with flutter
- Manual Testing
- Jira

Courses Related Skills:

- C++, Assembly Language, C#
- System Analysis, UML, and Database design, VHDL

LANGUAGE

English - Excellent in writing reading, listening and speaking.

Swedish- Basic

Amharic - Mother tongue

REFERENCE

1. Malin Thunström - Manager at Volvo Cars
Email - malin.thunstrom@volvocars.com
Phone - +46 729 669793
2. Gregory Gay - Thesis Supervisor at Chalmers
Email - ggay@chalmers.se