

# EBASA G. TEMESGEN

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## SUMMARY

Ph.D. student in University of Minnesota in the department of computer science, with a special interest in artificial intelligence. A team player with individual qualities and with a track record of consistency in delivering tasks. A fast learner with the ability to adapt to different working environments.

## EDUCATION

### Ph.D. Degree in Computer Science

**University of Minnesota Twin Cities**

2022 - Ongoing 📍 Minneapolis, Minnesota

### Bs.C in Electrical and Computer Engineering

**Addis Ababa University**

09/2016 - 12/2020 📍 Addis Ababa, Ethiopia

## EXPERIENCE

### Graduate Research Assistant

**University of Minnesota-Twin Cities**

📅 08/2022 - Ongoing 📍 Minneapolis, MN

**Advisor: Prof. Maria Gini**

### Lead QA Engineer

**Safaricom Ethiopia**

📅 04/2022 - 08/2022 📍 Addis Ababa Ethiopia

Worked as Lead QA for system that manages Top-up for both Mobile app and Web for the telecom service provider.

### Research Assistant

**University of Auckland, Emphatic Computing Lab**

📅 04/2021 - 12/2021 📍 Auckland, New Zealand | Remotely

Working on how physiological signals change in response various emotional stimuli.

### Research Assistant

**University of Michigan**

📅 07/2019 - 08/2020 📍 Ann Arbor, MI | Remotely

- Worked on bottlenecks analysis and Identification of Reinforcement Learning on Execution time, cache hit rate, CPU core usage, and overall memory usage.
- Performed Comparison of different RL algorithm on frameworks and library in different CPU architecture.

## PUBLICATIONS

### International Conference on Intelligent User Interfaces

AMC IUI 2022

- Emotion Recognition in Conversations Using Brain and Physiological Signals

## TRAINING / COURSES

### HPE Sales Certified Edge-to-Cloud

### Microsoft 4Africa SkillsLab Program

### ICT Professional Foundation course for Ericsson Middle East Africa University Program

## ACTIVITIES/AWARDS



### The iCog Makes Robo-soccer Competition

2nd Place



### The Pan-African-Robotic Competition (PARC)

Certificate of Recognition

## TEACHING EXPERIENCE

Teaching Assistant, Operating System | CSCI 4016

University of Minnesota-Twin Citie

08/2022 - Ongoing

## LANGUAGES

<b>English</b>	Proficient	<b>Amharic</b>	Native
<b>Afan Oromo</b>	Native	<b>Sign Language</b>	Advanced

## VOLUNTEER ACTIVITY

Col. John C Robinson Addis American

06/2019 - 09/2019 Addis Ababa

**Volunteer Teacher**

- Taught hardware programming using C-Language, interfacing sensor with a micro-controller, and how to simulate circuits on proteus for high school and college students.

## SKILLS

Python	C/C++	SQL	Java
Matlab	Github	ROS	

## INDUSTRY EXPERTISE

Data Science	Machine Learning	
AI	Robotics	Cloud Computing
Manual Testing		

## CERTIFICATES

AWS Cloud Practitioner

Microsoft Azure Fundamentals

## REFERENCE

**Professor Maria Gini**

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