

Tsedeniya Amare

Curriculum Vitae

September 2023

University of Michigan-Ann Arbor, Ann Arbor, USA

Email: tamare@umich.edu

EDUCATION

PhD in Computer Science & Engineering	08/2022 - Present
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University of Michigan, Ann Arbor, Michigan

Advisor: Dr. Nikola Banovic

Bachelor of Software Engineering	09/2016 - 10/2021
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Department of Software Engineering

Addis Ababa University, Addis Ababa, Ethiopia

AWARDS AND RECOGNITIONS

CSCW 2023 Emerging Scholar	2023
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AfriCHI'23 Doctoral Consortium Participant	2023
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Rackham Conference Travel Grant (\$1400)	AfriCHI'23
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PUBLICATIONS

Sumit Asthana, [Tsedeniya Amare](#), Bruktawit Amare, and Nikola Banovic. 2022.
Understanding and Modeling the Effects of Social Behaviors on Virus Transmission to Fight
Global Pandemic. Manuscript in preparation.

[Tsedeniya Amare](#), Sumit Asthana, Bruktawit Amare, and Nikola Banovic. 2020.
Understanding and Modeling the Effects of Social Behaviors on Virus Transmission to Fight
Global Pandemic. Presented at the 2020 African Undergraduate Research
Adventure(AURA).

PROFESSIONAL EXPERIENCE

Graduate Student Research Assistant	05/2023 - present
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Computational HCI Lab, Computer Science and Engineering,

University of Michigan Advisor: Dr. Nikola Banovic

Research Assistant	01/2022 - 08/2022
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University of Michigan-Ann Arbor, Ann Arbor, USA

Teacher	07/2021 - 01/2022
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iCog anyone can code, Addis Ababa, Ethiopia

Visiting Undergraduate Research Assistant	06/2020 - 10/2020
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University of Michigan-Ann Arbor, Ann Arbor, USA

Teacher
Albert Institute, Addis Ababa, Ethiopia

07/2019 - 9/2019

TEACHING

Web Development
iCog anyone can code, Addis Ababa, Ethiopia

Summer 2020

Basic Computer Skill
Albert Institute, Addis Ababa, Ethiopia

Summer 2019

LEADERSHIP AND SERVICE

Co-founder and Chair, VoiCSEs, University of Michigan
University of Michigan, Ann Arbor, MI

09/2022 - present

Chair, ECSEL+, University of Michigan
University of Michigan, Ann Arbor, MI

09/2022 - 09/2023

Primary Instructor, Discover Engineering
University of Michigan, Ann Arbor, MI

Summer 2023

Primary Instructor, Xplore Engineering
University of Michigan, Ann Arbor, MI

Summer 2022

Research Presenter, CS KickStart
University of Michigan, Ann Arbor, MI

Summer 2022

SKILLS

Software: Python, SQL, HTML/CSS, Web framework(Nodejs, Django)

Tools and Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Pytorch

Subject Areas: Natural language processing(NLP), Human-AI Interaction,
Human-Computer Interaction (HCI), Machine Learning