

ALEMAYEHU DEMISSEW TAYE

CURRICULUM VITAE (May 2020)

Universite du Luxembourg, Maison des Sciences Humaines 11, Porte des Sciences
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Work Experience

FEB 2019 - PRESENT Doctoral Researcher in Machine Learning and Economics, UNIVERSITY OF LUXEMBOURG.
SEP 2010 - 2013 Assistant Research officer at Economic Modeling and Statistical Analysis Department,
CENTRAL BANK OF ETHIOPIA.
OCT - JAN 2009 Teaching Assistant at School of Economics, HARAMAYA UNIVERSITY
Assisted first year Bachelor microeconomics.
JUN - AUG 2008 Summer Intern, ETHIOPIAN ECONOMICS ASSOCIATION.

Education

FEB 2019 - PRESENT PhD Candidate in ECONOMICS, **University of Luxembourg (UL)**, Belval.
Dissertation topic: Machine Learning Applied to Economic Data | Advisor: Prof.
Conchita D'Ambrosio
AUG 2018 MA in ECONOMICS AND ECONOMETRICS, **Center for Economic Research and Graduate
Studies-Economic Institute (CERGE-EI)**, Prague.
US-chartered graduate education in economics
JUN 2015 Master of Science in ECONOMICS AND FINANCE, **Institute of Economics Studies (IES),
Charles University in Prague.**
120 *credit hours* | Major: Economics and Econometrics
Thesis: "Evaluation of Monetary Policy in Ethiopia" | Advisor: doc. Roman HORVÁT
JUL 2010 BA Degree in ECONOMICS, **Haramaya University**, Ethiopia.
118 *credit hours*
Thesis: "Determinant of Economic Growth: Empirical evidence in Ethiopia" | Advisor:
doc. Molla Alemayehu

Research Interest

Machine Learning, Applied microeconomics, Labor economics, and Development economics

Research Papers

WORK IN PROGRESS "Predicting Vulnerability to Poverty with Machine Learning"
"Now-casting PIBien-être with Machine Learning"

Conferences, Workshops & Research Visits

- ATTENDED: “Explainable Data Science” Summer School, European Association for Data Science (EuADS), September 2019, Luxembourg.
“Inequality by the Numbers” workshop, CUNY Graduate Center, June 2019, New York.
- PRESENTED: Doctoral School of Economic and Finance (DSEF) Poster session, University of Luxembourg, March 3, 2020.
DTU DRIVEN Colloquium, Poster session and Presentation, 5-6 March 2020, Luxembourg.
- VISITS: Visiting Researcher, Research Division of National Institute of Statistics and Economic Studies of the Grand Duchy of Luxembourg (STATEC), 20/05/2019 – 21/06/2019 and 22/07/2019 – 31/08/2019.

Awards & Recognition

- SEP 2015 Center for Economic Research and Graduate Studies-Economic Institute (CERGE-EI) direct admission with full scholarships
- JUN 2015 Merit Scholarships from the Czech Ministry of Education for excellent results in the Final State Exam
- OCT 2013 - 2015 Czech government full scholarships for graduate students with an outstanding curriculum
- JUL 2010 BA in Economics with Great Distinction (Ranked 1st), Haramaya University

Skills

- LANGUAGES: **Amharic** and **Affan Oromo** (Native), **English** (Fluent), **French** (Elementary level), and **Czech** (Beginner Knowledge)
- TEXT EDITOR \LaTeX , Markdown (with Python and R), and Microsoft Office
- DATA ANALYSIS: Python (Spyder, Jupyter Notebook, Machine Learning Libraries), R, and STATA

Interests and Activities

Sport, Machine Learning, Painting, Music, and Programming