


# Curriculum Vitae (CV)

## 1. Personal Information

<b>Full Name</b>	Tsegaynesh Mogose Lefebo	
<b>Gender</b>	Female	
<b>Mobile</b>	(+251) 938048697/ 912737814	
<b>E-mail(s)</b>	<a href="mailto:mogatsega@gmail.com">mogatsega@gmail.com</a> or <a href="mailto:tseganeshM@wcu.edu.et">tseganeshM@wcu.edu.et</a>	
<b>Nationality</b>	Ethiopian	
<b>Date of birth</b>	15/02/1992 G.C	
<b>Marital Status</b>	Married	

## 2. Education Qualification and Certificate of Training

<b>March 2023 - Oct 2023 G.C</b>	✓ <b>Graduate Certificate in</b> Instructional Design Performance Improvement from Arizona State University, United States of America ( <a href="http://www.asu.edu">www.asu.edu</a> ) <b>CGPA 4.00</b> out of 4.00 <b>Medium of instruction:</b> English
<b>June 2022 - Oct 2022 G.C</b>	✓ <b>Certificate of TRAINING in</b> Research Grant Writing Skills from the University of Cologne in collaboration with DAAD and Addis Ababa University <b>Medium of instruction:</b> English
<b>Oct 2016 - June 2017 G.C</b>	✓ <b>Certificate of Higher Diploma License Certificate</b> from Wachemo University, Ethiopia ( <a href="http://www.wcu.edu.et">www.wcu.edu.et</a> ) <b>Medium of instruction:</b> English
<b>Oct 2012 - July 2015 G.C</b>	✓ <b>Master of Science(MSc.)</b> degree in Computer Science from Addis Ababa University, Ethiopia ( <a href="http://www.aau.edu.et">www.aau.edu.et</a> ) <b>Medium of instruction:</b> English <b>CGPA 3.35</b> out of 4.00 <b>Thesis title:</b> Design and Develop Telehealth Support System Using Wireless Technology: The Case of Ethiopia
<b>Sep 2009 - June 2012 G.C</b>	✓ <b>Bachelor of Science (BSc.)</b> degree in Computer Science from Jigjiga University, Ethiopia ( <a href="http://www.jju.edu.et">www.jju.edu.et</a> ) <b>Medium of instruction:</b> English <b>CGPA 3.95</b> out of 4.00 <b>Final-year Project Title:</b> Design and develop an Online Hotel Information Management System.
<b>Sep 2007 - June 2009 G.C</b>	✓ <b>Ethiopian Higher Education Institutions Entrance Exam Certificate</b> from Ethiopian Ministry of Education, Ethiopia <b>Medium of instruction:</b> English <b>School Name:</b> Wachemo General Preparatory School
<b>Sep 2005 - June 2007 G.C</b>	✓ <b>General Secondary school leaving certificate</b> from Ethiopian Ministry of Education, Ethiopia <b>Medium of instruction:</b> English <b>School Name:</b> Gimbichu General Senior Secondary school
<b>Sep 1998 - June 2005 G.C</b>	✓ <b>Primary school leaving certificate</b> from South Nation Nationalities Peoples Region, Ethiopia <b>School Name:</b> Gimbichu Primary and Secondary Level School

## 3. Employment and Work Experience

September 2015 – Present	✓ <b>Lecturer</b> in the Computer Science department, College of Engineering and Technology at Wachemo University, Ethiopia ▪ Teaching undergraduate and post graduate students, supervising final-year projects, Advising PG student's Thesis work, Community services, and research work.
Nov 2015 – Sept 2016	✓ <b>Head of Computer Science Department</b> ▪ Facilitating teaching-learning in the University as head of the staff community

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Sep 2016 – Jan, 2020	✓ <b>Dean for School of Computing and Informatics</b> ▪ Controlling different departments under the school, facilitating teaching-learning, research works, and all services under the school
Jan 2020 – Present	✓ <b>Director for Engineering and Technology Consultancy and Development Directorate</b> ▪ Facilitating Income generating with various professionals in Software development, Designing and installation of Networks, consultancy of urban planning, construction design, and all related services to upgrade income sources of the University
Developed Website	✓ <b>My Personal Website:</b> <a href="https://sites.google.com/view/tsegaynesh-mogose-lefebo/home">https://sites.google.com/view/tsegaynesh-mogose-lefebo/home</a>
Training Offered	✓ Basic Computer Skills and Literacy training for one day for staffs of Entoto Amba Secondary School, Addis Ababa Ethiopia (2015).

### 4. Research Interests

	<ul style="list-style-type: none"> <li>✓ Artificial Intelligence</li> <li>✓ Machine Learning</li> <li>✓ Systems and Computer Networking</li> <li>✓ Mobile Computing and Wireless Technologies</li> <li>✓ Security and Privacy</li> </ul>
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### 5. Language Skills and Competence

- *Medium of Instruction in my schooling:* English

<i>Other Language(s)</i>	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	Excellent	Excellent	Excellent	Excellent	Excellent
<b>Amharic</b>	Excellent	Excellent	Excellent	Excellent	Excellent
<b>Hadiyyisa</b>	Excellent	Excellent	Excellent	Excellent	Intermediate

### 6. Computer skills and competences

<b>General Computer skill</b>	<ul style="list-style-type: none"> <li>✓ Able to use a computer for almost all purposes as well as</li> <li>✓ MS Office applications, MS Office Suite, Google Suite,</li> <li>✓ JIRA and Confluence,</li> <li>✓ AWS, GIT,</li> <li>✓ Adobe Photoshop,</li> <li>✓ Wired and Wireless networking and Internet,</li> <li>✓ Computer maintenance, System administration, and security,</li> <li>✓ Software and hardware application</li> </ul>
<b>Programming Languages</b>	✓ C++, Java, Python, C#, VB.Net, R, Julia, MathLab, and Assembly language.
<b>Web Technologies</b>	✓ HTML, CSS, Bootstrap, JavaScript, PHP, React.js, Node.js, jQuery, HTTP, Express, Angular, SSL, JSON, XML, OWL, SPARQL, ASP.NET
<b>Mobile App Development</b>	✓ Java, Kotlin, Dart
<b>Application Servers</b>	✓ Wamp Server, Xamp Server, MAMP Server, and Tomcat
<b>Databases</b>	✓ <i>Ms-Access</i> , MySQL, and SQL
<b>Database Languages</b>	✓ <i>SQL, PL-SQL, NoSQL, T-SQL</i>
<b>Integrated Development Environments (IDEs)</b>	✓ NetBeans, Dreamweaver, Visual Studio, VS Code, Android Studio, PyCharm, Jupyter Notebook, Spyder, R-Studio, Quency, Turbo++, DevC++, BoorlandC++, Notepad++, Eclipse, JCreator, Sublime Text, Weka, MS-Visio, Dia, and Edraw-max
<b>Real-time computer vision</b>	✓ OpenCV, TensorFlow, YOLO
<b>Operating Systems</b>	✓ Windows XP/7/8/10/11, Android, Linux, Ubuntu, and Chrome OS
<b>Software/Systems developement skills</b>	<ul style="list-style-type: none"> <li>✓ Full Stack Web Development,</li> <li>✓ Mobile apps,</li> <li>✓ Databases,</li> <li>✓ Operating systems, and more</li> </ul>

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### **7. Research Work, conference papers, Publications, and Review Work: Articles**

<i>Review of a Journal</i>	✓ iCompose: Context-Aware Physical User Interface for Application Composition
<i>Published Articles</i>	✓ Tsegaynesh Mogose and Mulugeta Libsie (2024), Telehealth Support System Using Wireless Technologies: The Case of Ethiopia. Advances in Wireless Communications and Networks 9: 1–12. doi:10.11648/j.awcn.20240901.11. available at: <a href="https://www.sciencepublishinggroup.com/article/10.11648/j.awcn.20240901.11">https://www.sciencepublishinggroup.com/article/10.11648/j.awcn.20240901.11</a>
<i>Research Work</i>	✓ <b>Mogose (2012), Design and develop an Online Hotel Management System.</b> (Unpublished Project, Department of Computer Science, JJU). ✓ <b>Tsegaynesh Mogose (2015), Design and develop Telehealth Support System Using Wireless Technology:</b> The case of Ethiopia (Master's Thesis, at AAU).

### **8. Attained conferences and presentation**

- ✓ I attend first International Research Conference for Female Scientists and Researchers of Ethiopia held in Addis Ababa, Ethiopia on February, 23-26, 2016.
- ✓ I attend the International Conference on Women in Science, Innovation and Development which was held in Mekelle, Ethiopia from 10-17 April 2017, and organized by Mekelle University.
- ✓ I attained the second, third, fourth, fifth and sixth annual national research conference of Wachemo University as a participant from 2015 up to 2019.
- ✓ I attained and present my research work in seventh annual national research conference of Wachemo University as a presenter held on May 2020, Hossana Ethiopia

### **9. Community services and certificate awarded**

- ✓ Certificate from Gimbichu town municipality office for active participation in order to provide necessary social services for giving volunteer community services.
- ✓ Certificate for attending successfully the training on the concepts of corruption, and Anti-corruption laws which delivered by the Federal Ethics and Anti-corruption Commission in collaboration with Jigjiga University, held in JJU From 4-8 June, 2012.
- ✓ Certificate for attending successfully the training on “Conflicts Resolution and peace building process” conducted by Evangelical Students Union of Ethiopia on April 29-May 1, 2010.
- ✓ I have been certified by voluntary services in the Ethiopian Telecommunications Corporation Rural Business support main office in Addis Ababa for two Months.
- ✓ I was certified by establishing and actively participating on Southern Ethiopia Youth Association in Jigjiga University which works on promoting and providing access to quality education to and motivating as well as supporting different aspects of the students through an integrated and comprehensive approach.
- ✓ I led the Ethiopian Christian student's fellowship for four years and was certified by Evangelical Students unions of Ethiopia

### **10. Hobbies**

- ✓ Developing and implementing as well as seeing the results by testing various websites and software.
- ✓ Searching and creating or innovating new things in my day-to-day activities.
- ✓ Advice my friend as they work hard around their profession to change the attitude of the local community of our country in their future career.
- ✓ Reading the Bible, various Books and publications, Journals, and Articles as well as attending different debates and conferences

### **11. References**

- **Prof. Adrienne Wooten**, Senior Instructional Designer, Manager, and my course instructor in IDPI graduate certificate program at Arizona State University, USA, Address +1602-543-2824, e-mail: [adrienne.wooten@asu.edu](mailto:adrienne.wooten@asu.edu).
- **Mr. Kumela Neda Natai**, Lecturer at Wachemo University and Head of Department for Computer Science at Wachemo University, Address +251-923632223, e-mail: [kumela2010@gmail.com](mailto:kumela2010@gmail.com).
- **Dr. Mulugeta Libsie**, Associate Professor at Addis Ababa University and my thesis advisor in MSc. study, Address e-mail: [mlibsie@yahoo.com](mailto:mlibsie@yahoo.com) Office tel.: +251-11-122922, Mobile: +251-911-439815

### **Confirmation**

- The above information is true to the best of my knowledge