



Europass

Curriculum Vitae



Personal information

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|----------------------------|--|---------|-------------------|
| First name(s) / Surname(s) | Mesele Worku Ejigu | | |
| Address(es) | Hossana, Ethiopia | | |
| Telephone(s) | +251-118-69-71-60 | Mobile: | +251-917-85-21-12 |
| Fax(es) | +251-046-555-19-30 | | |
| E-mail | meseleworku@wcu.edu.et | | |
| Nationality | Ethiopian | | |
| Date of birth | November 19, 1992 | | |
| Gender | Male | | |

Education and training

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| Dates | December, 2017 – May 2019 |
| Title of qualification awarded | Masters Degree in Computer Science and Engineering |
| Principal subjects/occupational skills covered | Research Methodology, Research Seminar, Advanced Data Structure, Image Processing, Compiler Design, Advanced Object oriented Design, Distributed Computing, Mobile and Pervasive Computing, Software Quality Management, Advanced Computer Architecture, Enterprise Computing, Advanced Computer Networking and Advanced Operating Systems |
| Name and type of organisation providing education and training | Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, India |
| Thesis Title | IoT Based Comprehensive Autonomous Home Automation and Security System Using M2M Communication. |
| Dates | November 2011 – June 2015 |
| Title of qualification awarded | Bachelor Degree in Information Systems |
| Principal subjects/occupational skills covered | Object oriented System Analysis and Design, Fundamental Programming, Applied Mathematics, introduction to Statics and Probability, Fundamental and Advanced Database, Data Structure and Algorithm, Software Engineering, Object oriented Programming, Event Driven programming, Internet Engineering, Information Storage and Retrieval, IS security and Artificial Intelligence. |
| Name and type of organisation providing education and training | Bahir Dar University, Ethiopia |
| Project Title | Bahir Dar First Instance Court Management System. |

Work experience

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| Dates | May 2019 – Present |
| Occupation or position held | Lecturer in Information Systems Department |
| Main activities and responsibilities | <ul style="list-style-type: none">- Teaching various Information Systems courses;- Prepared teaching material for numerous courses;- Prepared course module for several Information Systems courses;- Engaged in scientific research;- Provide training on software development and related topics in Hossana town;- Served as coordinator of Wachemo University ICT incubation center.- Served as a research reviewer in a team organized under institute of Technology, Wachemo University |
| Name and address of employer | Wachemo University, Hossana; Ethiopia |
| Type of business or sector | Educational Institutions |
| Dates | November 2015 – November 2017 |
| Occupation or position held | Graduate Assistant in Information Systems Department |
| Main activities and responsibilities | <ul style="list-style-type: none">- Teach Information Systems courses;- Served as department head of Information Systems |
| Name and address of employer | Wachemo University, Hossana; Ethiopia |
| Type of business or sector | Educational Institutions |

Personal skills and competences

Mother tongue(s) **Oromigna and Amharic**

Other language(s) **English**

Self-assessment

Oromigna

Amharic

English

| Understanding | | Speaking | | Writing |
|-----------------|-----------------|--------------------|-------------------|-----------------|
| Listening | Reading | Spoken interaction | Spoken production | |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Social skills and Competences

Open minded, good listener, friendliness, respectful, good communication skill and optimistic;
Offered training on software development and related topics for haddiya science and technology bureau employees in 2021;

Organizational skills and competences

Head of Information Systems department from 2016-2017;
Represented as dean of school of computing and informatics several times;
Head of research committee of Information systems department since 2019 to present;
Advised several students on their final year project;
Attend several trainings organized by Wachemo University

Technical skills and Competences

Programming in different environments;
Graphics Softwares: Photoshop, Blender, Filmora;
Network Administration: Linux admin;
Operating Systems: Windows, linux;
Programming and Scripting Languages: c, c++, java, c#, python, javascript, web programming languages and frameworks;
Cloud Skills;
Technical Writing;

| | |
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| Computer skills and competences | Install and configure computer systems; Set-up Computer Networks; Set-up Computer Servers; Maintain and Repair Computer Systems and Networks. |
| Award and Recognition | <ul style="list-style-type: none"> - Got a certificate of recognition from Bahir Dar university semester top scorer from Information Systems department. - Certified in Higher Diploma in higher education institution; - Got a certificate of participation and successful completion of workshop on "IOT using Arduino and android" on September 2018, India. - Got a certificate of participation and achievement in the international internship program on IOT, December, 2018, India. - Got a certificate of successful completion for the training on "Master class for teaching online (Open edX)" organized by the Ministry of Education in partnership with Arizona State University (USA). - Got a certificate of successful completion for the course on "keeping yourself safe online" organized by the Ministry of Education in partnership with Arizona State University (USA). - Got a certificate of successful completion for the course on "Strategies for Successful Online Learning" organized by the Ministry of Education in partnership with Arizona State University (USA). - Received a certificate of accomplishment of the course on "Introduction to Python Basics for Data Science" from AIPlanet - Received a certificate of accomplishment of the course on "Introduction to Exploratory Data Analysis" from AIPlanet |
| Additional information | |
| Publications | IoT Based Comprehensive Autonomous Home Automation and Security System using M2M Communication, <i>Recent Advances in Computer Science and Communication</i> , 2021, Volume 14, pp.2234-2246. |
| References | <p>J. Santhosh (PhD), Associate Professor in the Department of Computer Science & Engineering at Vel Tech Rangarajan Dr. Sagunthala R& D Institute of Science and Technology, Tel. +91 9994873643</p> <p>Amare Worku (PhD) Lecturer in Debre Birhan University, Department of Management; Tel. +251 920 77 38 89</p> <p>Fekade Chane (Msc), Department Head, Department of Information Systems, Wachemo University. P.O. Box 667, Tel. +251 922 92 58 64</p> |