

## PERSONAL INFORMATION



## Tinsae Gebrechristos Dulecha

📍 via Francesco petrarca, 10, 30171, Venice , Italy

☎ 3207256679

✉ [tinsae.dulecha@univr.it](mailto:tinsae.dulecha@univr.it), [tinsae\\_gebre2000@yahoo.com](mailto:tinsae_gebre2000@yahoo.com)

💬 Skype tinsae.dulecha

Sex Male | Date of birth 30/04/1985 | Nationality Ethiopian

### RESEARCH INTEREST

Machine learning, Statistical analysis and modelling, computer vision, Measurement, analysis, and modelling of material appearance

## WORK EXPERIENCE

07/01/2021-30/06/2021

### Scholarship Holder

University of Verona, department of computer science

30/10/2016–30/10/2017

### Research Fellow

Ca'Foscari University of Venice, European Centre for Living Technology(ECLT), Venice (Italy)  
<https://www.unive.it/pag/23664/>

28/03/2016–10/10/2016

### Lecturer

Hawassa University, Institute of Technology, School of Informatics, Hawassa (Ethiopia)  
<http://www.hu.edu.et/hu/>

01/12/2014–30/11/2015

### Research Fellow

IUAV University of Venice, Italy  
<http://www.iuav.it>

- Developing Client-Server Augmented Reality Framework

11/01/2011–01/10/2012

### Pre-sales Engineer

ethio telecom, Churchill Road, P.O.BOX 1047 Addis Ababa (Ethiopia), Addis Ababa (Ethiopia)

- Giving technical advice and consulting for the enterprise customer.
- Preparing technical proposal, a proposal which explains in detail the implementation of the service needed (i.e., the hardware, software needed and configuration), for enterprise customers.

**Business or sector** Telecom service provider

25/11/2007–10/01/2011

### Programmer

Ethiopian Telecommunications Corporation, Addis Ababa (Ethiopia)

- Developing software for internal use of the company.
- LAN design, implementation and troubleshooting
- Providing training for customer care and billing, front desk, workers

**Business or sector** Telecom service provider

EDUCATION AND TRAINING

- 01/10/2017- 30/09/2020 **PhD in Computer Science**  
University of Verona
- 03/01/2018- 30/05/2018 **Deep Learning Specialization**  
Coursera  
License number:6ZG4Z5RLG7J2  
Certification URL:<https://www.coursera.org/account/accomplishments/specialization/6ZG4Z5RLG7J2>
- 03/01/2018- 30/05/2018 **Machine Learning**  
Coursera  
License number: CQJDJH2TA7G8  
Certification URL: <https://www.coursera.org/account/accomplishments/verify/CQJDJH2TA7G8>
- 16/09/2012–31/10/2014 **M.Sc. in Computer Science**  
Ca'Foscari University of Venice, Venice (Italy)  
  
Computer vision, Artificial Intelligence, Data and Web mining, Information Theory, Statistical Learning, Statistics For Technology, Computer Security, Multimedia Systems, Distributed System, Mathematical Logic, Advanced Database and Analysis and Verification of Software.
- 01/01/2009–05/01/2010 **CCNA(Cisco Certified Network Associate)**  
Cisco
- 05/12/2004–12/07/2007 **B.Sc. in Computer Science**  
Hawassa University, Hawassa (Ethiopia)  
  
System Analysis and Design, Data communication and Computer Networks, Fundamentals of Programming, Object-Oriented Programming, Database System, Data Structure and Algorithms, Internet Programming, Introduction to Formal Language Theory, Software Engineering, Analysis of Algorithms, Principles of Compiler Design, Operating Systems, Introduction to Artificial Intelligence, Advanced Database Systems, Computer Organization and Architecture, Systems and Network Administration, Computer Graphics, Information and Society, Applied Mathematics I, Applied Mathematics II, Introduction to Probability and Statistics, Discrete Mathematics and Combinatorics, Numerical Analysis I and Fundamental Concept of Algebra

PERSONAL SKILLS

Mother tongue(s) Amharic and Afan Oromo

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	B2	B2	B2	B2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Excellent team player with strong interpersonal skills and experience of working in a diversified multicultural and multilingual environment
- Excellent Communication and Presentation skills
- Good listening skills

## ADDITIONAL INFORMATION

## Publications

- Tinsae. G. Dulecha, R Pintus, E Gobbetti and Andrea Giachetti: SynthPS: a benchmark for evaluation of photometric stereo algorithms for cultural heritage applications, EG GCH 2020
- Tinsae. G. Dulecha, Flippo A.Fanni. Federico Ponchio, Fabio Pellacini and Andrea Giachetti: Neural Reflectance Transformation Imaging, in The Visual Computer, pages 1-14, 2020
- T. G. Dulecha, A. Giachetti, R. Pintus, I. Ciortan, A. Jaspe, and E. Gobbetti: Crack Detection in Single- and Multi-Light Images of Painted Surfaces using Convolutional Neural Networks, EG GCH 2019
- R Pintus, TG Dulecha, I Ciortan, E Gobbetti, A Giachetti: State-of-the-art in Multi-Light Image Collections for Surface Visualization and Analysis, in computer graphics forum, volume 38, issue 3, 2019/6.
- R. Pintus, T. Dulecha, A. Jaspe, A. Giachetti, I. Ciortan, E. Gobbetti: Objective and Subjective Evaluation of Virtual Relighting from Reflectance Transformation Imaging Data, in EG GCH 2018
- M Ciortan Irina, G Dulecha Tinsae, Giachetti Andrea, Pintus Ruggero, Jaspe-Villanueva Alberto, Gobbetti Enrico: Artworks in the spotlight: characterization with a multispectral LED dome, in OP Conference Series: Materials Science and Engineering, 2018
- Marco Fiorucci, Marco Fratton, Tinsae G. Dulecha, Marcello Pelillo, Alberto Pravato, and Alessandro Roncato: A Computer Vision System for the Automatic Inventory of a Cooler, In ICIAP 2017
- Dulecha, Tinsae G. "Replicator Equation: Applications Revisited." *arXiv preprint arXiv:1704.04805* (2017).

## References

- **Andrea Giachetti**, Associate Professor of Computer Science, University of Verona, Strada le Grazie 15, Ca' Vignal 2, Floor 1, Room 86. Tel.: +39 045 8027998, Fax: +39 045 8027068, E-mail: andrea.giachetti, URL: <http://www.andreagiachetti.it>
- **Ruggero Pintus**, Researcher, CRS4, Italy, Tel: +39-070-9250-347, Fax: +39-070-9250-216, E-mail: ruggero@crs4.it
- **Marcello Pelillo**, Professor of Computer Science, Ca' Foscari University, Via Torino 155, 30172 Venezia Mestre, Italy, Tel: (39) 041 2348.440, Fax: (39) 041 2348.419, E-mail: [pelillo@unive.it](mailto:pelillo@unive.it), [pelillo@dais.unive.it](mailto:pelillo@dais.unive.it), URL: <http://www.dsi.unive.it/~pelillo>
- **Eyasu Zemene Mequanint**, Senior Computer Vision Engineer, Qualcomm AI Research, San Diego, CA, USA. E-mail: emequani@qti.qualcomm.com