

Alhayat Ali MEKONNEN

Curriculum Vitae

Residence INSA R8 Logement 177,
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Ambitious, determined and hardworking individual who is willing to put in the hard work required to succeed. Enjoys new challenges, and very eager to work in active research. I am highly motivated, flexible, speak two languages (English and Amharic), and currently working towards my Ph.D. in Computer Vision and Robotics.

Education

- 10/2010–present **Ph.D. candidate working in LAAS-CNRS, Université Toulouse III Paul Sabatier, Toulouse(France)**, My research focus in a nutshell is on cooperative public place surveillance with fixed ambient cameras and a robot. I work under the supervision of Frédéric Lerasle and Ariane Herbulot.
- 09/2008–06/2010 **M.Sc. in Computer Vision and Robotics, Heriot Watt University, Edinburgh(UK), Université de Girona, Girona(Spain), Université de Bourgogne, Le Creusot(France)**, Edinburgh, Girona, Le Creusot, 1stYear: 17.964/20 with Rank 1/21; 2ndYear: 17.138/20 with Rank 3/24.
The masters program is one of the many Erasmus Mundus masters program leading to multiple degrees in computer vision and robotics from the partner universities of the consortium (www.vibot.org)
- 09/2003–06/2007 **B.Sc. in Electrical Engineering, Department of Electrical Engineering, Bahir Dar University, Bahir Dar, Ethiopia, 3.99/4.0.**
Rank : 1/85

Publications

- A. A. Mekonnen, F. Lerasle, I. Zuriarrain, *Multi-modal People Detection and Tracking from a Mobile Robot in Crowded Scenes*, International Conference on Computer Vision Theory and Applications (VISAPP'11), Algarve (Portugal), March 2011

Master thesis

- title *Multimodal people detection from a mobile robot in crowded scenes.*
- supervisors Dr. Frédéric Lerasle
- description The main objective of the thesis work is to detect multiple people around a robot using all possible sensors onboard a mobile robot platform. The context is for a service robot to be used in a crowded public area entailing reactive robot navigation in a socially acceptable manner.

Experience

Employment

01/09/2007–01/09/2008 **Graduate Assistant II**, *Bahir Dar University*, Bahir Dar, Ethiopia.
Assisting Senior Lecturers in conducting lab sessions and tutorials. My focused tutorials were for the courses Software Engineering, and Microprocessors and Interfacing.

Full Time Internships

11/02/2010–08/2010 **Intern**, *LAAS-CNRS*, Toulouse, France.
At LAAS-CNRS, I worked on multimodal person detection and tracking (part of my M.Sc. thesis work) from a mobile robot under the mentorship of Dr. Frédéric Lerasle.

15/06/2009–21/08/2009 **Summer intern**, *Monterey Bay Aquarium Research Institute*, Monterey, California, USA.

As an intern at MBARI, I worked with the Autonomy team under the mentorship of Kanna Rajan, the principal researcher for autonomy. My task was to come up with a way to provide plan and post facto data visualization for the Autonomous Underwater Robotic runs in Monterey Bay.

Awards

- September 2010, a 3 year Ph.D. grant from the French Ministry of Higher Education to finance my current ongoing Ph.D. study.
- May 2008, winner of the Erasmus Mundus Scholarship amounting 42,000 Euros payable in two years to support my masters study in Computer Vision and Robotics (Vibot).
- July 2007, University Gold Medalist for recognition of outstanding academic achievement, very great distinction (CGPA of 3.99/4.0), Bahir Dar University, Ethiopia.

Languages

English	Excellent
Amharic	Mother Tongue
French	Beginner

Computer skills

Programming Languages	C, C++, Matlab, Visual Basic 6.0, Html Scripting, Basic Shell Scripting
Operating Systems	Linux Variants, Windows Variants, Mac OS-x
Office Packages	Microsoft Office Packages, Open Office,
Assembly	Z-80, 8086, Atmega8
Text Processing	LaTeX

References

Dr. Ariane Herbulot	Maître de conférences, UPS and group RAP (LAAS-CNRS), 7 avenue du Colonel Roche 31077 Toulouse Cedex 4 (France) E-Mail: herbulot@laas.fr Tel +33 (0)5 61 33 69 12
Dr. Frédéric Lerasle	Maître de conférences, UPS and group RAP (LAAS-CNRS), 7 avenue du Colonel Roche 31077 Toulouse Cedex 4 (France) E-Mail: lerasle@laas.fr Tel +33 (0)5 61 33 69 61 Fax +33 (0)5 61 33 64 55

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