

# CURRICULUM VITAE



## PERSONAL INFORMATION

Name	Matilde Bertoli	
Address	Corso Marconi, 23 10125 - Torino (TO) Italia	
Telephone	+39 011 6502545	Mobile +39 347 1132598
E-mail	mbertoli@uniss.it	
Skype ID	matilde.bertoli	
Nationality	Italian	
Date of Birth	17/10/1989	

## WORK EXPERIENCE

- Current Life Science support,  
GPEM srl  
Porto Conte Ricerche, Loc. Tramariglio, 07041 Alghero (SS), Italy
- November 2015 – February 2019 PhD student,  
Research on gait analysis using inertial sensors  
Università degli Studi di Roma "La Sapienza", RM, Italy
- April 2017 – September 2018 Visiting scholar,  
Research on gait analysis using inertial sensors  
Oregon Health and Science University, Portland, OR
- May 2015 – December 2015 Post-graduate grant holder,  
Research on gait analysis  
Università degli Studi di Sassari, SS, Italy
- December 2014 – April 2015 Research Assistant,  
Motion Analysis Lab at Spaulding Rehabilitation Hospital, Harvard Medical School  
PM&R Department, Boston, USA
- May 2014 – November 2014 Research Scholar ,  
Motion Analysis Lab at Spaulding Rehabilitation Hospital, Harvard Medical School  
PM&R Department, Boston, USA

## EDUCATION AND TRAINING

- November 2015 – February 2019 PhD in Bioengineering  
Title of the PhD thesis: "Gait Characterization using Wearable Inertial Sensors in Healthy and Pathological Populations"

- April 2012 – December 2014 **Master’s Degree in Biomedical Engineering**  
At Politecnico di Torino, Italy  
Title of the Master thesis: "Instrumented Outcome Measures for the Clinical Management of Individuals with Idiopathic Low Back Pain"
- September 2008 – March 2012 **Bachelor’s Degree in Biomedical Engineering**  
At Politecnico di Torino, Italy
- August 2006 – January 2007 **High School**  
At Bluestem Highschool, Kansas, USA
- 2003 – 2008 **High School**  
At Liceo Classico “V.Alfieri”, Turin, Italy

**PERSONAL SKILLS AND COMPETENCES**

MOTHER TONGUE Italian

OTHER LANGUAGES

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2
Spanish	B1	A2	B1	B1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

COMPUTER SKILLS AND COMPETENCES

- Basic knowledge of:
- operative system (MS Windows);
  - development (C++, Matlab, Python);
  - CAD (Solidworks, Coventor);
  - PKMAS (ProtoKinetics Movement Analysis Software)
  - Vicon MoCap software (NEXUS, Polygon, Eclipse, BodyBuilder)
  - Motion Studio (APDM), MT Software Suite (Xsens), MultiShimmerSync (Shimmer)
  - other software (Microsoft Office, LaTeX, SPSS, Ansys, Comsol).

SOCIAL SKILLS AND COMPETENCES

- Good team spirit (matured by practicing team sports);
- Ability to work in groups, achieved in various projects in the university;
- Excellent ability to adapt to multicultural environments, achieved through abroad study and many travels.

ORGANIZATIONAL SKILLS AND COMPETENCES

- Good skills in projects and teamwork management (achieved in university background);
- Excellent skills in work planning, learned while combining my studies with practice.