

Andreia Artífice

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PROFILE

Researcher with a degree, Master's and an Advanced Specialization Diploma from Instituto Superior Técnico in Lisbon. Her principal research focuses the e-learning. She developed research in the human-interaction, in Accessibility and predictability models and multimodal interfaces. Has experience in project and belonging to teams. Has experience as a teacher at Instituto Superior Técnico.

QUALIFICAÇÕES ACADÉMICAS

<i>Instituto Superior Técnico (Universidade Técnica de Lisboa)</i> Advanced Specialization Diploma in Computer Science	2015
<i>Instituto Superior Técnico (Universidade Técnica de Lisboa)</i> Master in Computers Science Thesis: Multiple Devices Integration for Accessibility	2008
<i>Instituto Superior Técnico (Universidade Técnica de Lisboa)</i> Graduation in Computer Sciences (5 years graduation) Graduation project: Integrated Interaction of Multiple Devices Adapted to Disabled People	2004

RESEARCH INTERESTS

- E-learning
- Predictability Models
- Human-Computer Interaction
- Accessibility

RESEARCH PROJECTS

ACACIA	2015
Research Grant at Microsoft Language Development Centre	2010-2011
A-CSCW (FCT project)	2008-2010
JetStone (FCT project)	2007

ACADEMIC EXPERIENCE

<i>Instituto Superior Técnico (Universidade Técnica de Lisboa)</i> Teacher Collaborated in the development of the projects of the course "Introduction to Algorithms and Data Structures" and taught partially the practical component of the course.	2009
<i>Instituto Superior Técnico (Universidade Técnica de Lisboa)</i> Teacher Collaborated in the development of the projects of the course "Distributed Systems" and taught partially the practical component of the course.	2008
<i>Instituto Superior Técnico (Instituto Superior Técnico)</i> Teacher Collaborated in the development of the projects of the course "Databases" and taught	2008

partially the practical component of the course.

PROFISSIONAL EXPERIENCE

Microsoft (Lisbon, Portugal)

Researcher

2010-2011

Microsoft Language Development Centre member, her work focuses the acoustic model training and human-interaction.

INESC-ID (Lisbon, Portugal)

Researcher

2010-2015

Intelligent Agents and Synthetic Characters Group member at INESC-ID, where develops research on human-computer interaction.

INESC-ID (Lisbon, Portugal)

Researcher

2008-2010

Visualization and Intelligent Multimodal Interfaces Group member, at INESC-ID, where developed research in the branches of communication, human-computer interaction.

INETI - LAER (Telheiras, Portugal)

Researcher

2007-2008

Developed research activities in image processing applied to geometric calibration of cameras for acquisition of high-resolution images.

SISCOG (Lisbon, Portugal)

Programmer

2006-2007

Member of the maintenance team of planning and management software in transportation enterprises.

Casa Pia de Lisboa (Lisbon, Portugal)

Teacher

2005-2006

Taught technology courses.

Sysmaker (Lisbon, Portugal)

Analyst Programmer

2004-2005

Developed models of management and energy including functional analysis, programming, integration and tests.

Fundação Escola Profissional de Setúbal (Setúbal, Portugal)

Teacher

2003-2004

Taught technology courses for professional courses and oriented student stages at several companies.

Portucel (Setúbal, Portugal) – Estágio da Prova de Aptidão Profissional

Analyst Programmer

1995

Developed the automation of the *Intrastat* application form for the INE.

PUBLICATIONS

Thesis:

- “Interacção de Dispositivos Múltiplos para Acessibilidade Aumentada”, A. Artífice, Master Thesis, Instituto Superior Técnico, Universidade Técnica de Lisboa, Outubro 2008

International Conferences:

- “An Approach to Predictive Evaluation for People with Special Needs”, Andreia Valada Artífice, João Brisson Lopes, Joaquim A. Jorge, Manuel J. Fonseca, in IASTED International Conference on Telehealth and Assistive Technology, Cambridge, Massachusetts, Novembro 2009.

- "Automatic Estimation of the LSA Dimension", Jorge Fernandes, Andreia Artífice, Manuel J. Fonseca, in KDIR International Conference on Knowledge Discovery and Information Retrieval, Paris, France, 2011.
- "Designing a Personal Life Assistance to promote the social inclusion of individuals with Aphasia", Andreia Valada Artífice, Andreas Wichert, Miguel Sales Dias, 15th Biennial Conference of the International Society for augmentative and Alternative Communication, Pittsburgh, USA, August 2012.

National Conferences:

- "Ensaio de Avaliação Preditiva para Utilizadores com Necessidades Especiais", Andreia Valada Artífice, João Brisson Lopes, Joaquim A. Jorge, Manuel J. Fonseca, Actas do 17º Encontro Português de Computação Gráfica (17º EPCG), Covilhã, Portugal, Outubro 2009.

LANGUAGES KNOWLEDGE

- Portuguese
- English