

Oscar J. Romero

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Contact

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Languages

Spanish (native)
English (advanced)

Skills

creative, analytical
thinking, goal-oriented,
self-motivated,
autonomous,
leadership, team work.

Programming

Java, Python, Android,
C++, Lisp, ACT-R,
CLARION, LIDA

Social Media

www.linkedin.com/in/oscarjromerolopez/

Certifications

OO A&D UML (IBM),
Java Programmer
(Sun), J2EE (BEA
Systems), Function
Points Analyst
(IFPUG), NLP
(Neuro-Linguistic
Programming)

Interests

I am fascinated about the idea of building intelligent systems (for internet, mobile devices, robots, etc.) and my research interests mainly focus on topics related to Artificial Cognition & Cognitive Architectures, Machine Learning, Intelligent Autonomous Pedagogical Agents, Personal Intelligent Assistants, and Software Engineering. I have balanced my work in the industry (11 years) and the research sector (18 years), getting the best of both worlds.

Education

2005-2011 **M.Sc. and Ph.D. in Software, Complex Systems and Computing** Technical University of Madrid (Summa Cum Laude)

Major in AI, Artificial Cognition, Multi-agents, and Computer Science

1997-2002 **B.Sc. in Systems Engineering** Distrital University of Colombia (graduated with honors)

Major in Computer Science and Intelligent Tutoring Systems

Experience on Research

2014-present **Carnegie Mellon University - Machine Learning Department** USA
Research Project Scientist conducting research on Artificial Cognition, Intelligent Personal Assistants, and Dynamic Service Composition

2013-2014 **Carnegie Mellon University - Psychology Department** USA
Postdoc conducting research on Artificial Cognition, Robotic Mission Planning, and Social Behavior Modeling

2005-2013 **Technical University of Madrid - Intelligent Agents Lab** Spain
Postdoc conducting research on Multi-agent Systems, Pedagogical Multi-agent systems, and Cognitive Architectures

2009 **Imperial College London** UK
Research visitor conducting research on decision making, bio-inspired robotics, adaptive behavior, and artificial consciousness

2002-2005 **Konrad Lorenz University** Colombia
Research Assistant conducting research on AI, hybrid systems, Machine Learning, Computational Intelligence

2000-2002 **Distrital University** Colombia
Junior Researcher conducting research on Intelligent Tutoring Systems

Experience on Industry

2009-2012 **Ibertech, Spain** www.ibertech.org/eng/
IT Senior Consultant

2007-2008 **Santander Bank, Spain** www.isban.es/eng/eng_index.html
Test Manager and Team Leader

2005-2007 **Unisys, Spain** www.unisys.com
Software Architect and Team Leader of A&D

2002-2005 **Hewlette Packard, Colombia** www.hp.com
Software Architect and Team Leader

2001-2002 **Oracle Corp, Colombia** www.oracle.com/lad/corporate
Software Engineer

