

PERSONAL INFORMATIONS - CONTACTS

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EDUCATION

January 2012 - present

Phd student in Computer Science, Northeastern University, Boston, MA, USA.
Prof. Magy Seif El-Nasr, supervisor. [Topic: Behavioral models and adaptive frameworks for Social Media and Games].

September 2010 - August 2011

Phd student at School of Interactive Arts and Technology, Simon Fraser University, Surrey, BC, Canada. Prof. Magy Seif El-Nasr, supervisor. [Topic: Adaptive Media and Games].

January 2008 - August 2010

M.Sc. in Computer Science at University of Illinois at Chicago, Chicago, IL, USA.
Thesis Title: "Analysis of Affective Reaction of Video Game Players".
Prof. Andy Johnson, advisor.

October 2007 - December 2009

Laurea Specialistica in Ingegneria Informatica (Master degree in Computer Engineering) at Politecnico di Milano, Milan, Italy.
Thesis Title: "Analysis of Affective Reaction of Video Game Players".
Prof. Andrea Bonarini, advisor. [Final Grade: 110/110 cum Laude].

September 2004 - September 2007

Laurea triennale in Ingegneria Informatica (Bachelor Degree in Computer Engineering) at Politecnico di Milano, Milan, Italy.
Thesis Title: "Realization of an application for the definition of FXPATH membership functions". Prof. Alessandro Campi, advisor. [Final Grade: 100/110].

WORK EXPERIENCE

January 2012 - present

Research Assistant (RA), IgnitePlay Inc. and Northeastern University.
Area: Behavioral models and adaptive frameworks for Social Media and Games.

May 2011 - present

Freelance Web and Mobile Apps Developer.

September 2010 - Jan 2011

Research Assistant (RA), Electronic Arts and Simon Fraser University, SIAT.
Area: Game user experience research.

PUBLICATIONS

[1] Simone Tognetti, Maurizio Garbarino, Andrea T. Bonanno, Matteo Matteucci, Andrea Bonarini. **Enjoyment Recognition From Physiological Data in a Car Racing Game**. In *Proceedings of 3rd International Workshop on Affective Interaction in Natural Environments (AFFINE)* pp. 3-8, October, 2010.

CONFERENCE PRESENTATIONS

- [1] Magy Seif El-Nasr, Dinara Moura, Bardia Aghabeigi, Andrea T. Bonanno, Veronica Zamitto, and Paul Newton. **Triangulation of Game Telemetry, Eye tracking, and Physiological Sensor Data.** *Electronic Arts Devcon*. (by invitation only), February 2011.
- [2] (Poster) Magy Seif El-Nasr, Dinara Moura, Bardia Aghabeigi, Andrea T. Bonanno, Veronica Zamitto, and Paul Newton. **Triangulating telemetry with other User experience measurements.** *GRAND Conference*, Vancouver, BC, May 2011.
- [3] Valerio Panzica La Manna, Andrea T. Bonanno, Alfredo Motta. **A Simple Pacemaker Implementation.** *International Conference on Software Engineering (ICSE) 2009*, Vancouver, BC Canada, May 2009.

EXTRA COURSES AND WORK, AWARDS

August 2008 - May 2009

SCORE 2009 student contest.

Project Name: "A Simple Pacemaker Implementation". Prof. Alan Wassying, supervisor.

Finalist of SCORE 2009 at ICSE 2009. Winner of the SCORE 2009 **Formal Methods Award**.

February 2006

Enrolled in the IT team of the Torino 2006 Winter Olympic Games in Sestriere (Turin, Italy).

COMPUTER SKILLS

OS: Excellent familiarity with Windows, Ubuntu, Mac OS X. Good familiarity with iOS.

Programming Languages: Excellent knowledge of Java, Matlab. Good knowledge of C, C++, C#, Python, Objective C.

Web Development: Excellent knowledge of HTML, CSS, XML, PHP, Javascript, J2EE and Joomla.

Networking: Good knowledge of TCP/IP protocols.

Database: Excellent knowledge of MySQL. Good knowledge of PostgreSQL.

IDE: Visual Studio, Eclipse, Matlab, XCode.

Document Preparation Systems: Latex, Microsoft Office, OpenOffice.org.

LANGUAGES

English (Full professional proficiency).

Italian (Native proficiency).

ASSOCIATION MEMBERSHIP

Member of International Game Developers Association (IGDA).

REFERENCES

- Prof. Magy Seif El-Nasr, *Northeastern University*, magyse@gmail.com
- Prof. Andrea Bonarini, *Politecnico di Milano*, bonarini@elet.polimi.it
- Prof. Andy Johnson, *University of Illinois at Chicago*, lenzman@me.com (ajohnson@uic.edu)
- Prof. Alan Wassying, *McMaster University*, wassyng@mcmaster.ca
- Prof. Jason Leigh, *University of Illinois at Chicago*, spiff@uic.edu