

Andrey A. Masiero

PROFESSOR AND RESEARCHER · FULL STACK SOFTWARE DEVELOPER

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“Must be the change that you want to see in the world.”

Summary

Artificial Intelligence PhD and MSc. Graduate in Computer Science. All grades by FEI University Center located in Sao Paulo, Brazil. I've developed many solutions to help people to make their work better since my career's beginning. I am a motivated and passionate for technology and all the possibilities that it can bring to people's lives. From entertainment to health. I understand as society we must be a team to make the world a better place. So work as a team and exchange experience is essential to accomplish a good project. I can easily learn and I always pursue a better result. I am engaged to get new knowledge through community meetups, books, free courses and sharing with people around me. Between studies and projects, I spend my free time taking landscape pictures and cooking.

Education

FEI University Center (Fundação Educacional Inaciana Pe. Sabóia de Medeiros)

Sao Bernardo do Campo, Sao Paulo, Brazil

PHD IN ELECTRICAL ENGINEERING FOCUS ON ARTIFICIAL INTELLIGENCE APPLIED ON AUTOMATION AND ROBOTICS

2013, Sep. - 2018, Apr.

- Fulltime Scholarship in CAPES/PROSUP (Brazilian Government).

FEI University Center (Fundação Educacional Inaciana Pe. Sabóia de Medeiros)

Sao Bernardo do Campo, Sao Paulo, Brazil

MSc IN ELECTRICAL ENGINEERING FOCUS ON ARTIFICIAL INTELLIGENCE APPLIED ON AUTOMATION

2011, Mar. - 2013, Feb.

- Fulltime Scholarship in CNPq (Brazilian Government) working on FINEP project in public hospital called “Pesquisa e Estatística baseada em Acervo Digital de Prontuário Médico do Paciente em Telemedicina Centrada no Usuário” (in portuguese).

FEI University Center (Fundação Educacional Inaciana Pe. Sabóia de Medeiros)

Sao Bernardo do Campo, Sao Paulo, Brazil

BACHELOR IN COMPUTER SCIENCE

2005, Aug. - 2009, Jul.

- Social Assistant Scholarship from University itself.

Professional Experience

FIAP

Sao Paulo, Sao Paulo, Brazil

PROFESSOR

2018, Apr. - PRESENT

- Lectures about: Responsive Web Development using Java, JSP, JSF, JavaScript, HTML5, CSS3, Bootstrap, Servlet, Angular, JQuery e JQueryUI.
- Projects with IBM Watson, Google Cloud and Deep Learning algorithms like access control with face recognition and chatbot by text and voice.

Metodista University of Sao Paulo

Sao Bernardo do Campo, Sao Paulo, Brazil

PROFESSOR

2013, Aug. - PRESENT

- Traditional and Distance Learning Professor. Lectures about: Oriented Object Programming, Algorithms and Data Structure, Web Application Development, Distributed Systems, Graphic Computing (OpenGL/ WebGL), Design Patterns, Robotics and Artificial Intelligence, Computational Intelligence. Coordinator of study group for programming competition and digital games. Thesis Supervisor for undergraduate students and specialist students.

CPM Braxis Capgemini

Sao Paulo, Sao Paulo, Brazil

SYSTEM ANALYST

Abr. 2010 - Mar. 2011

- Responsibilities are Requirement Analysis, Application of RUP methodology on software documentation, Application of Scrum for project manager, UML diagrams, Team activities planning, Team schedule managing, Function point measuring.
- Developed web application using C#.Net and ASP.NET MVC.
- Applied eXtreming Programming techniques the team delivered a project 3 months earlier than expected.

VOLANS

Sao Paulo, Sao Paulo, Brazil

SYSTEM ANALYST

2008, May. - 2010, Apr.

- ATM System Developer using languages like COBOL, VB6, C, Java and JavaScript.
- Team Member of integration project between Santander and Real ABN Amro Banks.
- Create a function to improve withdraw option on ATM. It lets the use in 35% faster on withdraw option.

Rodobens Locação de Veículos

SYSTEM ANALYST

- Optimization of process using BPMN.
- Member of Strategic Planning Committee.
- Develop and maintenance of system modules according to user requirements.

A&M Sistemas

DEVELOPER

- Develop systems using Linux (Server/Dev), Cobol/VSAM, JavaScript, HTML/DHTML.
- Create a module to control truck tyres consume using AJAX client side and COBOL server side.
- Project Client: Rodobens Locação de Veículos.

GOL Airlines

SYSTEM AUDIT INTERN

- Internal Control with Sarbanes-Oxley (SOX).
- IT Control with COBIT.

EGO Informática

SUPPORT ANALYST

- Develop a news database to website using Java.
- Computer maintenance.
- Telephone central maintenance.
- User Support by e-mail, telephone or personally.

*Sao Bernardo do Campo, Sao
Paulo, Brazil*

2008, Jan. - 2008, May.

Sao Paulo, Sao Paulo, Brazil

2007, Mar. - 2008, Jan.

Sao Paulo, Sao Paulo, Brazil

2006, Jun. - 2007, Mar.

*Sao Bernardo do Campo, Sao
Paulo, Brazil*

Nov. 2003 - Mai. 2006

Additional Credentials

Latin American and Brazilian Robotic Competition

STANDARD EDUCATION KIT (SEK) CATEGORY ORGANIZER

- Competition Rules Review.
- Technical Responsible Person.

ROBOFEI Team

MEMBER

- Service and Health Robotic focus on Human Robot Interaction.
- Developing focus on RoboCup home tasks competition using ROS, Python and C++.

OBMEP - Brazilian Mathematical Olympiad for Public Schools

JUDGE

- Second phase judge.

Brazil

2013, Jan. - 2017, Dec.

Brazil

2013, Sep. - 2017, Sep.

Brazil

2013, Jan. - 2014, Dec.

Awards

INTERNATIONAL

2016 **Finalist**, RoboCup Home

Leipzig, Alemanha

DOMESTIC

2016 **First place**, RoboCup Home

Recife, Brazil

2015 **Third place**, RoboCup Home

Uberlandia, Brazil

2015 **First place**, Academic Honor in FEI University Center

*Sao Bernardo do
Campo, Brazil*

2009 **First place**, VII EXPOCOM - Computer Science Projects Exhibition in FEI University Center

*Sao Bernardo do
Campo, Brazil*