

Marco Pérez Hernández

LECTURER IN COMPUTER SCIENCE

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Education

PhD in Computer Science

UNIVERSITY OF LEICESTER

- Thesis: Realising Relative Autonomy and Adaptation in Smart Objects Systems

Leicester, U.K.

Sep. 2013 - Mar. 2018

Master of Business Administration

UNIVERSITY OF LOS ANDES

Bogotá, Colombia

Aug. 2004 - Mar. 2006

Systems Engineering - BEng.(Hons)

DISTRICT UNIVERSITY OF BOGOTÁ

Bogotá, Colombia

Jan. 1997 - Dec. 2002

Experience - Academy

Lecturer in Computer Science

UNIVERSITY OF THE WEST OF ENGLAND (UWE)

- Supervision of UG and MSc. students, support to several modules of the Computer Science cluster.

Bristol, UK

Nov. 2021 - Present

Research Associate

UNIVERSITY OF CAMBRIDGE

- Distributed Information and Automation Laboratory

Conducting research on:

- Agent-based control, multi agent systems, complex networks and distributed artificial intelligence for telecom infrastructures.
- Agent-based modelling for logistic problems within the food supply chain.

Cambridge, UK

Sep. 2018 - Nov. 2021

Teaching Fellow

UNIVERSITY OF LEICESTER

- Responsible of the modules: Distributed Systems and Applications (UG and MSc) and Human Computer Interaction (UG). Teaching support in: Software Engineering (UG) and Advanced Web Technologies (MSc). Supervisor of several UG and MSc dissertation projects.

Leicester, UK

Oct. 2017 - Aug. 2018

Graduate Teaching Assistant (While completing my PhD)

UNIVERSITY OF LEICESTER

- Teaching assistant of: Software Engineering (UG), Advanced Web Technologies (MSc), Distributed Systems (UG and MSc), Business Information Systems (MSc) and Statistics (UG).

Leicester, UK

Oct. 2013 - Sept. 2017

Research Software Engineer

DISTRICT UNIVERSITY OF BOGOTÁ

- Project: SISAAB - Development of IS to support Food supplying and marketing in Bogotá city
Conducting research on: Software components for product traceability

Bogotá, Colombia

Jul. 2006 - Mar. 2008

Associate Teaching Fellow

INCCA UNIVERSITY OF COLOMBIA

- Responsible of Software Engineering (UG) and IT Management (UG) modules.

Bogotá, Colombia

Aug. 2007 - Feb. 2008

Experience - Industry

Sr Technology Consultant

EVERIS SPAIN S.L. - NTT DATA

- Multiple Software Engineering & IT Governance projects at: Telefonica/O2, Air Europa (Globalia) & Enagas S.A.

Madrid, Spain

Apr. 2008 - Aug. 2013

Project Leader

INDUDATA LTDA.

- Definition of User Acceptance Tests for a tailored financial solution for securitizing mortgage loans.

Bogotá, Colombia

Jan. 2006 - Jun. 2006

Software Engineer

INDUDATA LTDA.

- Multiple offshore projects for clients such as ConocoPhilips, Charming Shoppes, GECapital & Clover Park School District

Bogotá, Colombia

Jan. 2002 - Aug. 2004

Projects

Next Generation Digital Infrastructures (NG-CDI) 2018 - 2021

EPSRC PROSPERITY PARTNERSHIP: BT & UNIVERSITY OF CAMBRIDGE, AMONG OTHERS.

Research Associate

IoT Systems to support operation of digital infrastructure 2020

RESEARCH ENGLAND: PITCH IN PROGRAMME WITH UNIVERSITY OF CAMBRIDGE, AMONG OTHERS.

Research Associate

Digital Manufacturing In A Shoestring 2018 - 2019

EPSRC: UNIVERSITY OF CAMBRIDGE, AMONG OTHERS.

Research Associate

em4so - Embedded Middleware for Smart Objects 2013 - 2018

UNIVERSITY OF LEICESTER

PhD Researcher

Honours & Awards

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|------|--|-------------------------|
| 2016 | Best presentation: "Software Architectures for the Autonomous IoT",
Current Postgraduate Research in Computing, BCS Leicester Branch | <i>Leicester, UK</i> |
| 2002 | 2002 Best Graduate of the Engineering School,
District University of Bogotá | <i>Bogotá, Colombia</i> |
| 2002 | Merit Distinction for BEng Thesis,
District University of Bogotá | <i>Bogotá, Colombia</i> |

Professional affiliations

Data Champion

DEPARTMENT OF ENGINEERING

University of Cambridge

Mar. 2019 - Nov. 2021

Associate Fellow

AFHEA

Higher Education Academy

2016 - Present

Member

COMPUTER SOCIETY, INDUSTRIAL ELECTRONICS SOCIETY

IEEE

2010 - Present