



CEO & Founder of HOP Ubiquitous

Antonio did his PhD (Cum Laude) at the University of Murcia (UMU), Spain. These PhD results present a novel way to connect objects to Internet-enabled platforms in an easy, secure and scalable way. He also carried out a MBA and entrepreneurship formation in the ENAE business school and UCAM (2012). He received entrepreneurship awards from ENAE (sponsored by SabadellCAM financial services), emprendeGo (sponsored by Spanish government), IPSO Alliance Award (Sponsored by Google) for its disruptive innovation in the IoT, selected and mentored by the acceleration program FABULOUS (part of the FIWARE EU project). Antonio Jara as part of HOP Ubiquitous is focused on the Smart Cities market with solutions for citizens engagements, tourism, active participation, physical web and environmental monitoring (air quality sensors) in projects such as ENIAC SAFESSENS, interoperability / pilots (SmartSDK, Synchronicity, Organicity, BeinCPPS) and also in several actions related to security/privacy (INPUT and FORTIKA). Antonio Jara has also participated in over 100 international events about Internet of Things as Speaker, over 100 international publications / papers (~5000 citations and impact factor h=34), he holds several patents in the IoT domain and finally he has advised in the IoT domain to companies such as Microsoft and Fujitsu.



Dr. Antonio J. Jara

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Work experience

- **CEO - (2014 - Current)**

HOP Ubiquitous S.L. (HOPU)

- **Adjoint researcher (2013-2018)**

University of Applied Sciences Western Switzerland (HES-SO), Switzerland

- **Security Researcher - (2013)**

United Technologies Research Centre (UTRC), Ireland.

- **PhD, University of Murcia (UM) - (2010-2012)**

University of Murcia (UM).

- **Researcher, University of Murcia (UM) - (2007-2010)**

University of Murcia (UM).



Education

- **PhD in Computer Science**
When: (2010 - 2013)
Where: University of Murcia (UM)
CUM LAUDE & Best PhD Award from 2013/2014
- **Master in Business Administration (MBA)**
When: (2006 - 2012)
Where: Catholic University of Murcia (UCAM)
Honors
- **M.S. degree in Advanced Information and Telematics Technologies**
When: (2007 - 2010)
Where: University of Murcia (UM)
Honors
- **Bachelor Degree in Computer Engineering**
When: (2007 - 2009)
Where: University of Murcia (UM)
Valedictorian

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Skills:

- Research and innovation in new technologies.
- Internet of Thing Research
- Smart Cities Business Development
- Climate Change
- IoT Standardization

Other background

- International committees (EU Projects Evaluation)
- PhD Thesis Committee
- Technical Program Committee Chairing
- Editorial Board member in high Impact Factor Journal
- IEEE membership and co-chair
- Standardization bodies member, author and editor
- Organization of Conferences
 - IEEE AINA Conference General Chair 2016
 - IEEE Splitech General Chair 2016, 2017 and 2018
 - IEEE IMIS workshop: esIoT (5 editions)
 - IEEE AINA workshop: PITSaC (4 editions)
- Awards and recognitions
 - Best PhD in Computer Science from 2013 & 2014 Award, University of Murcia.
 - Academic Excellence Award from Computer Science Faculty, University of Murcia.
 - Valedictorian Award in the M.S. degree in Computer Science Engineering.
 - Best Demo Award in the IEEE 4th IoT Conference 2014 – MIT Media Lab.
 - External advisor of Microsoft (Internet of Things unit) in 2016 and 2017.