



Xavier Bustamante Talavera

A multidisciplinary and geeky software engineer focused on product development, with a spice of academic research and python.

Experience

Engineering Manager of Qustodio for Schools Qustodio 2020 - Present

Spearheading the development of Qustodio for Schools: bringing the success of Qustodio (the leading parental control company) to the B2B market.

I lead the software engineering team of Qustodio for Schools, designing the product directly with the co-founders.

Research collaborator Various universities 2021 - Present

I collaborate with the competitive research project—granted by the Spanish Ministry of Science and Innovation (MCIN)—"Strategy. Governance, and Finance – BIGRU", by providing data science expertise.

Participating universities: Universitat de les Illes Balears (UIB), Instituto Empresa (IE), Universidad de Navarra (UNAV), Copenhagen Business School (CBS), Northeastern University, and BI Norwegian Business School.

Co-founder, Product Lead DeviceTag.io 2015 - 2019

Co-founded DeviceTag.io, a social startup that provides sustainable logistics software for reusing machinery, securing 0.5M€ in funding, getting into Ship2B and Ledger acceleration programs, and employing 15 people.

Software developer XSR (Xarxa de Suport a la Reutilització) 2013 - 2015

Developed XSR, a collaborative platform of the Generalitat de Catalunya (CoreTIC).

President JEDI (Joves estudiants d'informàtica) 2012 - 2014

Managed and administered a student-run consulting NGO.

Projects

Open-source projects I created.

Workbench Python, Debian/Linux, Terminal based

Software that creates a hardware report of a computer by extracting component information (e.g. serial numbers), testing, benchmarking, erasing, and installing an OS.

Devicehub Python, PostgreSQL, Flask, MongoDB, REST, Angular

A distributed IoT Asset Management System focused on reusing devices.

Other projects

Checkout [my GitHub page](#) for other smaller open-source projects.

Contact

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Github [/bustawin](#)

Google Scholar Profile

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Skills

Planning	●●●
Research	●●●
Management	●●●
SCRUM	●●○
Platforms	●●○
DevOps	●○○
Digital design	●○○
Marketing	●○○
Software Architecture	●●●
TDD	●●●
DDD	●●●
Microservices	●●●
Data science	●●●
Python	●●●
Javascript	●●●
React	●●●
PostgreSQL	●●●
Debian	●●○

Teaching

Geneva Business School Barcelona Campus	Spring 2019, Fall 2019
BBA, Two introductory classes: Coding (Python), and software product management (prototyping a web app).	
Trinijove	Spring 2015
Youth in social exclusion risk, Website development.	
Tecnologia per Tothom (TxT)	Biannual conference, 2013 - 2019
Volunteer, Bachelor in software engineering and telecommunications. Socio-environmental impact of technology and reuse. TxT is an NGO under the Universitat Politècnica de Catalunya.	
JEDI	Spring 2012, Fall 2012
Bachelor in software engineering, Website development.	

Languages

Spanish	Native
Catalan	Native
English	Proficient

Publications

<u>Riding the wave: Predicting the use of the bike-sharing system in Barcelona before and during COVID-19</u>	2022
Bustamante, X., Federo, R., & Fernandez-í-Marin, X. Sustainable Cities and Society doi: 10.1016/j.scs.2022.103929	
<u>The ties that bind global governance: Using media-reported events to disentangle the global interorganizational network in a global pandemic</u>	2022
Federo, R. & Bustamante, X. Social Networks, 70: 253-266. doi: 10.1016/j.socnet.2022.02.012	

Conferences

<u>Riding the wave: How the bicycle-sharing system of Barcelona evolved during COVID-19</u>	2021
Bustamante, X., Federo, R., Fernandez-i-Marin, X. 7th International Congress of the Bicycle XVIII Iberian Congress “The Bicycle and the City”.	
<u>The interactive dynamics of international actors before and during a global pandemic</u>	2021
Federo, R. & Bustamante, X. Academy of Management Annual Meeting.	
<u>The interorganizational network and interactive dynamics of international actors before and during a global pandemic</u>	2021
Federo, R. & Bustamante, X. Academy of International Business Annual Conference. Nominated for the Alan M. Rugman Young Scholar Award.	
<u>A circular commons for digital devices: Tools and services in ereuse.org</u>	2016
Franquesa, D., Navarro, L., López D., Bustamante, X. Computing within Limits Conference.	
<u>Breaking barriers on reuse of digital devices ensuring final recycling</u>	2015
Franquesa, D., Navarro, L., López D., Bustamante, X., Lamora, S. 29th International Conference on Informatics for Environmental Protection and the 3rd International Conference ICT for Sustainability. Received Best Paper Award.	

Talks



At ESADE, Spain

Presenting DeviceTag.io as part of the Ship2B acceleration program.



At Ledger, The Netherlands

Presenting DeviceTag.io as part of the Ledger EU program.

Education

Bachelor's Degree in Software Engineering

Universitat Politècnica de Catalunya 2010 - 2016

