LETICIA MONTALVILLO MENDIZABAL

Software Engineer, Cybersecurity Researcher at IKERLAN

PROFILE

I work for IKERLAN and I am a member of the Cybersecurity in Digital Platforms team. Our aim is to protect & secure our clients digital platforms, so that their data remains consistent, secure and reliable.

I obtained my PhD from the University of the Basque Country (EHU/UPV), Spain, in the field of Software Engineering, and Software Product Lines (defended in July 2018)

I am a committed person, auto-motivated person, who loves problem-solving and facing new challenges.

EDUCATION

PhD in computer science

2012 - 2018
Sep - Jul   University of the Basque Country (UPV/EHU). My thesis is entitled "Supporting the grow-and-prune model in Software Product Lines".

MsC. Master in Information Technology

2010 - 2011   Politecnic University of Catalonia (UPC), BarcelonaTech. (Degree taught fully in English)

BsC. Bachelor in computer science (systems engineering major)

2006 - 2010   University of Mondragon (MU)

PUBLICATIONS

Journal publications (JCR)

Leticia Montalvillo, Oscar Díaz: **Requirement-driven evolution in software product lines: A systematic mapping study.** Journal of Systems and Software 122: 110-143 (2016)

International conferences

Leticia Montalvillo, Oscar Díaz, Thomas Fogdal: **Reducing Coordination Overhead in SPLs: Peering in on Peers**. SPLC (2018)

Leticia Montalvillo, Oscar Díaz, Maider Azanza: **Visualizing product customization efforts for spotting SPL reuse opportunities**. REVE (2017)

Leticia Montalvillo, Oscar Díaz: **Tuning GitHub for SPL development: branching models & repository operations for product engineers**. SPLC (2015)

Roberto E. Lopez-Herrejon, Leticia Montalvillo-Mendizabal, Alexander Egyed: **From Requirements to Features: An Exploratory Study of Feature-Oriented Refactoring**. SPLC (2011)

PROFESSIONAL EXPERIENCE

2018 - Today: IKERLAN

I am a member of the Cybersecurity in Digital Platform team. Our aim is to protect & secure our clients digital platforms (Industry 4.0 solutions), so that their data remains consistent, secure and reliable. Previously I was a member of the Big Data Architecture team.

2016 - Danfoss A/S (Denmark)

As part of my PhD studies I did a four-month stay in Danfoss. My duty was to help Danfoss sketch their new development process and branching models in Git.

2012 - Everis (Barcelona)

As part of my master studies, I developed my final degree project at Everis. I developed a CRUD like web-based application in Java and Spring.

PERSONAL SKILLS

| Commited | Proactive |
| Team work | Enthusiast |

LANGUAGES

| English | Basque | Spanish |
| CAE | EGA | Native |

AWARDS

October, 2016: Best doctoral poster award, in the transborder doctorial workshop UPV/EHU-UPPA)

November, 2012: Second best academic record of my promotion in the Master's on Information Technology (BarcelonaTech)

October, 2011: Everis chair, given to best the academic record among foreign students.