

# Nieves Ábalos

+34 699 722 547    nyeves@gmail.com    [twitter.com/nieves\\_as](https://twitter.com/nieves_as)    Madrid, Spain

## Profile

Product Manager at BEEVA. Working with Intelligent Agents and Artificial Intelligence. Research areas: Natural Language Processing, Affective Computing and Natural User Interfaces. Computer Engineer and MSc in Software Development.

## Experience

### **PRODUCT MANAGER, BEEVA (A BBVA COMPANY)**

**MADRID, SPAIN – JUL 2016 - PRESENT**

Product Manager of Clever, a platform to create intelligent software, based on a ecosystem of intelligent agents. It provides Artificial Intelligent services, such as Conversational Interfaces, Natural Language Processing, Machine Learning and Recommender Systems.

### **DESIGN LAB LEAD, BEEVA LABS (A BBVA COMPANY)**

**MADRID, SPAIN – JAN 2016 - SEPT 2016**

Product Design, using Design Thinking, Rapid Prototyping, Lean Startup and Agile Methodologies.

Some projects in progress: Chat Bots, Intelligent Agents Platform.

### **INNOVATION RESEARCHER, BEEVA (A BBVA COMPANY)**

**MADRID, SPAIN – JAN 2015 - JAN 2016**

Research areas: Natural Language Processing, Affective Computing and Natural User Interfaces. Created Unloop (<http://beeva-nievesabalos.github.io/nlp-landing/>): Natural Language Processing API for Spanish and English.

### **INNOVATION TECHNICIAN, BEEVA (A BBVA COMPANY)**

**MADRID, SPAIN – APR 2013 - JAN 2015**

Research, analysis and development of innovation initiatives in areas: Intelligent agents, Linked Data, Internet of Things (IoT).

Some prototypes and proof of concepts (PoC) made during this period:

- BIKAs (BEEVA Information and Knowledge Assistant) platform: Applied to different domains: meeting room reservations, recruiting and staffing.
- Semantics and Linked Data applied to Big Data.
- API for Natural Language Processing applied to intelligent agents to extract intent from users.
- Email classification, applying Machine Learning.
- Speech recognition (ASR) and text-to-speech (TTS) applications in English and Spanish for Chrome and Android.
- Internet of Things management environment, using different technologies like Bluetooth 4.0, NFC and graphs.

## Education

### Universidad de Granada, Spain

- *PhD in Software Development, Information Technology and Communication*, 2011 - 2013 (Not finished)
- *MSc in Software Development*, 2009 - 2010
- *Computer Science Engineering*, 2003 - 2009

Member of the research group "Sistemas de Diálogo Hablado y Multimodal" (SISDIAL) [http://sisdial.ugr.es/~nieves\\_as/datos\\_personales/](http://sisdial.ugr.es/~nieves_as/datos_personales/) and member of SEPLN (Spanish Society for Natural Language Processing).

## Skills

- **Artificial Intelligence:** Human-Computer Interaction, Natural Language Processing, Dialogue Systems, Machine Learning, Linked Data.
- **Product design and development:** Design Thinking, Visual Thinking, User centered design, UX/UI, Product Design, Rapid Prototyping, Lean Startup, Agile (Scrum, Kanban), Certified Scrum Product Owner® (CSPO), Social Entrepreneurship.
- **Toolkit:** Git, Linux, Node.js, JavaScript, NoSQL and graph databases (Neo4j), Python and Scikit Learn (Machine Learning library), HTML 5, CSS, Natural Language Toolkit (NLTK), Amazon Web Services (AWS).
- **Past experience:** Google App Engine, Java , Android, iOS, C++, Objective-C, C++, PHP, MySQL, XML, Visual C++, Perl, LaTeX, VoiceXML, Windows Speech Recognition.

## Publications

**A multimodal dialogue system for an ambient intelligent application in home environments.** *Springer-Verlag Berlin, Heidelberg 2010*. Authors: Nieves Ábalos Serrano, Gonzalo Espejo, Ramón López-Cózar, Zoraida Callejas, David Griol

**Design and Implementation of a Toolkit for Evaluation of Spoken Dialogue Systems Designed for Aml Environments.** *Springer New York 2011*. Authors: Nieves Ábalos Serrano, Gonzalo Espejo, Ramón López-Cózar, Zoraida Callejas, David Griol

More publications at: <https://goo.gl/n3S6jQ>