

SARA NOTARGIACOMO

sara.notargiacomo@gmail.com
<http://saranotargiacomo.com>

Projects

Here I provide a list of the most prominent projects I have been working on during the last years. My main role is to apply **business design**, **technical project management** techniques and **design thinking** approach to transform research projects into market suitable products.

- **HyPPO**
HyPPO proposes a container and virtual machine monitoring system enabling autonomic power management respecting the latency slack required by OLDI (Online Data intensive) applications.
- **BlueSentinel**
BlueSentinel is an app-based indoor localization system developed using BLE technology and able to wake up the app bypassing the 20-region's limit given by the OS (iOS and Android). The system does not require any user interaction to start the indoor tracking system.
- **HuG (Hardware for Human Genomics)**
HUGenomics proposes hardware acceleration on Field Programmable Gate Arrays (FPGAs) of applications exploited to create personalized drugs. The framework aims at becoming an advanced support for personalized medicine research.
- **XeMPUPiL**
XeMPUPiL proposes a methodology for hardware and software power capping in virtualized environments.
- **DockerCap**
DockerCap proposes a new framework in the field of containerized cloud infrastructures aiming at minimizing power consumption in the full respect of service level agreements.
- **BlueAssistant**
BlueAssistant is a health monitoring system able to detect accidents or sudden drops in heart rate and automatically request assistance, specifying user's position.

Professional Experience

- Mar 2017-Current **Project Manager of the Startup 101 Workshop (PeOPLE@DEIB initiative)** at Politecnico di Milano
Activity: I have been managing the project since the very beginning defining goals and main topics. The workshop was born from the idea of providing students the complementary skills essential for understanding how their technical know-how can interact with academic or business environments to create value. I also manage all the process of projects' value proposition and business model canvas definition, mentoring and tutoring all the teams.
- Sept 2016-Current **Technology Transfer Manager @NECSTLab**, Politecnico di Milano
Activity: I am responsible of promoting direct and indirect transfer of academic research produced within the Lab, both from an entrepreneurial point of view and an intellectual property protection one. I manage university-industry collaborations and all activities related to develop the proof of concept and the following business development of potential entrepreneurial projects born from research activities.
- Mar 2016-Sept 2016 **Visiting student affiliate @NECSTLab**, Politecnico di Milano
Activity: I was the business mentor of all the teams participating at the Xilinx Open Hardware Competition.

- Sept 2013-Sept 2016 **Chief Operating Officer** @Smartweek.it
Activity: I led a team of 45 people. Main responsibilities: operations and commercial partnerships management, scouting of startups to introduce to BA and VC in the network, digital and innovation strategy consultancy projects.
- June 2014-Feb 2015 **Junior Strategy Consultant** @CRIOS, Bocconi University
Activity: Strategy Consultant within the Golden for Sustainability Research Network. Members include Harvard University, MIT, LBS and Microsoft. Main Responsibilities: study on the relationship between sustainable conduct and economic performance of firms; database building, statistical and financial analysis, qualitative research, reporting and improvements in the research methodology.

Academic Experience

- 2017 **Introduction to Internet Of Things** at University of California Irvine on Coursera
- 2013-2016 **Master of Science in Economics and Social Disciplines** at Bocconi University
- 2013 **Exchange Program** at Universidad Carlos III de Madrid
- 2010-2013 **Bachelor Degree in Economics** at Bocconi University

Scientific Publications

- **HUGenomics: A support to personalized medicine research**
Di Tucci L, Guidi G, **Notargiacomo S**, Cerina L, Scolari A, Santambrogio M D.
IEEE Research and Technologies for Society and Industry (RTSI), Modena, Italy, September, 2017.
- **A fog-computing architecture for preventive healthcare and assisted living in smart ambients**
Cerina L, **Notargiacomo S**, Greco M, Paccani L, Santambrogio M D.
IEEE Research and Technologies for Society and Industry (RTSI), Modena, Italy, September, 2017.

Awards

- Dec 2017 **HIPEAC Technology Transfer Award**
HyPPO won the HIPEAC Tech Transfer Award, a reward that aims at stimulating uptake of research results by industry.
- Sept 2017 **Switch2Product Winner**
DockeCap awarded as "Best Entrepreneurial Idea" at Switch2Product Innovation Challenge.
- Jan 2016 **Second place for the Best Proof of Concept at the Xilinx PYNQ Hackathon 2017 with SafeTree project**
The Xilinx PYNQ Hackathon is a 48h no-stop competition where participants are asked to develop their ideas on the brand-new PYNQ platform. The second edition was oriented to IoT applications (e.g., smart buildings, automotive, biomedical devices).
- June 2015 **Best new branch in Europe**
During my period as President of 180 Degrees Consulting Bocconi, the association received the award as best new branch in Europe.

Languages

- Italian:** Mother tongue
English: Full Professional proficiency
French: Working Professional proficiency
Spanish: Working Professional proficiency