



Andrea Imparato

Curriculum Vitae

Personal Details

Date of birth 20 March 1985
Age 33
Place of birth Vicenza, Italy
Marital Status Single
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Professional Experience

- Jun 2018–Now **Senior Software Engineer** *Dunnhumby Ltd*, Berlin.
Maintenance and improvement of a **serverless** backend system for a mobile app running on **NodeJS** in GCP (Google Cloud Platform). Some of the technologies used in the project:
- ECMAScript 6
 - Google cloud functions
 - Firebase
 - BigQuery
 - Cloud storage
- Ago 2015–Jun 2018 **Web Api Developer** *Sociomantic Labs (acquired by Dunnhumby Ltd)*, Berlin.
- Maintenance and documentation of the internal web api written in **PHP**
 - Modernization of the in-house framework: **ORM replacement, dependency injection**, restructuring of the software architecture
 - Technical and non-technical requirements collection
 - Refactoring of the legacy monolithic application in a more maintainable and focused system based on micro-services

- Nov 2014–Jun 2015 **Full Stack Developer** *Webco srl*, Vicenza.
Full Stack web applications with **Laravel Framework** and PHP CMS:
 - <http://www.ricambi.guru>: **Magento Ecommerce** with a custom search engine based on MongoDB.
 - <http://www.easyearth.travel>: travels' ecommerce with **social features**
 - earthbox: a custom CMS to manage various frontend sites and customer's data
 - price miner: web scraping with **price analysis** purposes
- Jan 2014–Oct 2014 **Lead Team Developer** *Shellrent srl*, Vicenza.
Team lead position. Maintenance and expansion of a web hosting and cloud services **management software**.
- Jul 2013–Dec 2013 **Developer** *Cybrain srl*, Vicenza.
Graph algorithm implementation for business analytics built as a **C++ NodeJS** module.
- Nov 2010–Jan 2011 **Developer** *Epress srl*, Milan.
XSLT developer: writing XSLT scripts for parsing html files that were imported into a **Apache SOLR** database
- Jan 2009–Sept 2010 **Developer** *Kasato srl*, Padua.
Devop and Backend Developer for a **django** website: <http://www.funeras.it>

Education

- 2009–2013 **Computer Science Master Degree - Artificial Intelligence curriculum**
University of Padua, Padua, 101/110.
Some of the projects I worked on during the university:
 - A Prolog based port scanning analyzer with **Java Technologies**
 - Wifi spectrum analyzer with custom wifi firmware device, the parser and the gui have been developed with **Python**
 - An all difference constraints resolver with **Java**
 - An optimizer for master-slave configuration problems with **C++** and the **ampl** library
 - I worked with a team of other 6 students to develop a clock-in, clock-out analyzer with **Spring Framework**, **Hibernate**, **Gigaspaces** and **Drools** technologies.

Master thesis

- title *Interactive Subgroup Discovery*
supervisor Arno Knobbe - **Leiden University**
description I developed a novel interactive method to discover statistical interesting subgroups in data.

Language Skills

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|---------|----|---|
| German | A2 | <i>Basic Understanding</i> |
| English | B2 | <i>Proficiency in writing and reading</i> |
| Italian | C2 | <i>Mother Language</i> |