Andrea Imparato

Curriculum Vitae

Personal Details

Date of birth	20 March 1985
Age	34
Place of birth	Vicenza, Italy
Marital Status	Single
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Phone Number	+49 176 47678472
Address	Berlin, Wilhelmstraße 48
Availability	Mid September 2019
Personal Website	http://p1mps.github.io

Professional Experience

Jun 2018–April 2019   **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.

- Implementation from scratch of the public api
- 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

Open Source Contributions

hiccup-bootstrap (clojure library)	**Library update**.

Library updated for bootstrap 4.3

Education

2009–2013	**Computer Science Master Degree - Artificial Intelligence curriculum**

University of Padua, Padua, *101/110*.
- 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++**
- A clock-in, clock-out analyzer with **Spring Framework**, **Hibernate**, **Gigaspace** 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. The implementation of this method has been added to Cortana, a java tool for data-mining developed by the **LIACS Data Mining Group**

Language Skills

German	A2	*Basic Understanding*
English	B2	*Proficiency in writing and reading*
Italian	C2	*Native Language*