

Personal information

Name
Contacts

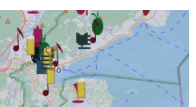
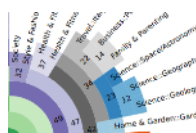
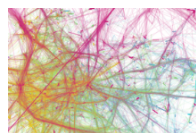
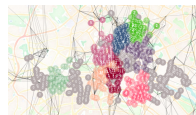
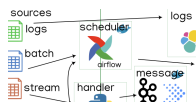
Short description

Fields

Skills

Personal

Work experience



Data: ML - infra - products

Giovanni Marelli

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+39 329 5458xxx / +49 178 3858xxx

marelli@inventati.org, intertino.it, portfolio, blog, calendly



Hands-on experience in data products and infrastructure, fostering cross-functional collaboration across technical, product, and commercial teams. Focused on data-driven decision-making built upon a robust background in statistical analysis, predictive modeling, algorithm design, machine learning, and data/text mining. Successful leadership of complex technical projects in both B2B and B2C environments, proficiently managing remote teams, and actively contributing to talent acquisition and mentorship.

Specialist in optimization problems, productization of ML, personas segmentation, multi-channel strategies and driving conversion uplift. 15+ years of coding experience in data proc/viz, cloud/grid computing, web, data warehousing, ETL, front/back end.

Developer by nature on economical self sustainable projects, driven by innovation, novel business models and collaborative working environments. Passionate about music and hand crafting, good knowledge of international languages and long coaching experience.

09/22-present **Strategic data consultant** @ lightmeter, booklink Berlin
Consulting early stage start-ups to architect and deliver data infrastructure: storage, interfaces, middlewares, scheduler, messaging, security, redundancy, analytics, BI. Train and implement language models with focus on email outreach.

10/20-07/22 **Director of client data services** @ afiniti Berlin
Leading the technical implementation of afinti AI solutions for big European clients (telco, banking, media) and managing remote teams assigned to the project: DE, DA, DS, AI, DB admin. Responsible in customer projects: pre-sales, feasibility study, metric design, data reliability, data analytics, performance monitoring, billing, financial reports.

09/19-09/20 **AI lead/mobility** @ circ/bird + vay Berlin
Developing a full stack (micro service based) solution for fleet dispatch. The engine defines the most profitable task assignments for the capable agents on the field. Demand forecast and customer patterns. Forecast on telemetry data.

10/17-09/19 **ML expert/mobility** @ motionlogic/Deutsche Telekom Berlin
Interpreting mobile data of 30M users and their mean of transportation, *product owner* for product development of origin-destination matrices, responsible for customer deliveries (mobility, advertising, real estate, commuter patterns). *Mentor* for machine learning, insight highlights and data monetization.

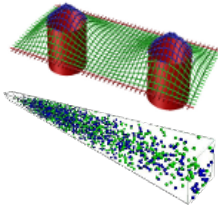
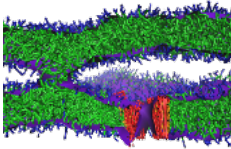
01/16-10/17 **Sr DS/advertising** @ Mediamond/Mediaset Milan
Data driven advertising via audience segmentation on a large cross device media network. *Responsible* for target quality and performance, inventory forecast, modeling, data visualization, and business intelligence. *Tech consultant* for user profiling built from web logs, CRM data, second party enrichment, semantic engines, and SEO keywording. Representing my company for the big data project of the corporation.

10/14-01/16 **Data scientist/e-commerce** @ e-dynamics/Lufthansa Frankfurt
Data driven segmentation of price and ancillary teasers on lufthansa.com. Campaign design, tracking, revenue calculation, reporting and tool concept development. Owner of 30+ A/B tests with 3M certified revenue uplift.

02/13-10/14 **Data consultant / ERP & BI** @ dauvi Tanzania - Brescia - Padova
Advising SMEs to organize and collect data in their companies, installing cloud based ERP/CRM systems. Setting a geo based rural portal to connect professionals.

06/09-01/13 **Research assistant** @ uni-Göttingen Göttingen
Developing a parallel high performance c++ suite for Monte Carlo and Molecular Dynamics simulations, OpenGL 3D visualization, ETL, data visualization and reporting for biological oriented questions. *Publications*: Influenza Fusion, String Method, Pore Formation.

Education



Soft skills/workshops

Q3/12

Q3/13

Q1/14

Q2/14

Q1/17

Q2/20

Professional skills

Languages Professional

Languages Colloquial

Domain Knowledge

Management

Programming [github]



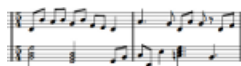
Further information



10/04

2003-2008

2011-2012



Die Georg-August-Universität Göttingen
 unter der Präsidentschaft
 Professors Dr. rer. physiol. Dr. h. c. Ulrike Beisiegel
 verleiht
 durch die Mathematisch-Naturwissenschaftliche Fakultät
 Georg-August-Universität School of Science (GASOS)

06/09-01/13 **PhD** in physics @*computational biophysics* uni-Göttingen
 Study of protein-induced pore stability via profiled parallel computing on multiprocessor clusters via Monte Carlo and molecular dynamics methods and PDE. Visualization of statistical properties of data and study on membrane morphology transformations.

01/07-03/09 **Master** in physics @*computational biophysics* uni-Padova
 Nanoparticle stability in lipid membranes via molecular dynamics simulations and visualization tools.

10/02-12/06 **Bachelor** in physics @solid state uni-Padova
 Monte Carlo simulations of ion-defects' diffusion after distribution calculation of sputtering of silicon ions on a silicon lattice.

Tuning of parallel programs UniHB

Management consulting & project management UniGÖ

ERP setting up and programming odoo.com

Entrepreneurship: market, strategy and business plan ander35

HackItaly: 48h **app dev** hfarm

Aws training courses xpeppers

Entrepreneurship program: blockchain in pharma Entrepreneur first Berlin

Native: Italian. *Fluent:* English, German, Spanish

Intermediate: French, Portuguese

e-commerce, advertising, multichannel, sales, mobility, IoT, telephony, embedded

agile, OKR, MVP (plan, document, test, monitor), scaling, notion, jira, kanban

src/ python, js, c++, c, R, spark, go (*viz*) OpenGL, Qt, GTK+

ml/ tensorflow, keras, sklearn, scipy, caret, pytorch

ai/ gan, reinforcement learning, forecasts, predictions, classifications

www/ html5, css3, js, d3, react, angular

server/ flask, celery, redis, nginx, traefik, nodejs, php

db/ SQL, postgresql, cassandra, mongodb, neo4j, elastic (*fs*) hdfs, s3

dev/ git, gitlab, svn, CI/CD, pytest, docker

prod/ docker swarm, kubernetes, airflow, kafka, presto, terraform

cloud/ ecs, lambda, api gateway, athena, redshift, big query

num/ numpy, gsl, CGAL, matlab, octave, maple, root (*grid*) MPI, openMP

bin/ (*GIS*) qgis (*viz*) mayavi, povray (*CAD/3D*) rhino, blender, cura

report/ tableau, tibco, metabase, superset (*ERP/CRM*) odoo

Awards for the project viudi.it 03/13 - on

Fund for supporting cultural and creative ideas

Ideas' competition Valsabbia e Garda

Maker of merit

Regione Lombardia

Comunità Montana ValSabbia

Maker faire Rome

Volunteer Work

Visiting the institute João XXIII, Ponta Grossa

Italian classes for foreigners @Razzismo stop

Service @Mittagstisch Sankt Michael

Brazil

Padova

Göttingen

Hobbies

Waterpolo, rugby, violin, composing

Attachments

Diplomas, certificates, presentation letters