Panos Papiotis, PhD

MULTIDISCIPLINARY DATA SCIENTIST

ABOUT

Experienced researcher and developer interested in applied machine learning, big data, and industrial R&D.

Birthdate
29/4/1985

Nationality
Greek

Location
Barcelona

Languages
Greek (native)
English, Spanish (fluent)
German, Catalan (basic)

CONTACT

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🌐 papiotis.info

in linkedin.com/in/ppapiotis

PROFESSIONAL EXPERIENCE

Data Scientist, Software developer
DEXMA SENSORS S.L.   **03/2018 – today**
- Developing Applied Machine Learning and Big Data software products in the Energy Sector
- Transitioning prototypes and PoCs to production-ready environments

Co-organizer – Sónar+D Innovation Challenge
ADVANCED MUSIC S.L.   **09/2015 – today**
- Identifying the next technological innovation challenges in collaboration with industry-leading companies
- Maintaining a network of top talent (developers, designers, artists) worldwide

Senior Researcher, R&D Software Architect
UNIVERSITAT POMPEU FABRA   **02/2015 – 03/2018**
- Designed and implemented data warehousing and analysis tools as part of a machine learning toolkit
- Developed software and hardware prototypes, oversaw their transition into products in collaboration with industrial partners
- Managed innovation and technology transfer between the university and collaborating companies
- Applied User-Centred Design framework to prototyping & product development

Researcher, Software Developer
UNIVERSITAT POMPEU FABRA   **10/2010 – 02/2015**
- Handled data acquisition, exploration, statistical analysis, and visualization for a series of large-scale experiments
- Developed software for data acquisition and storage
- Curated multimodal datasets, published several articles in high-impact publications

EDUCATION

Ph.D in Information and Communication Technologies
UNIVERSITAT POMPEU FABRA, BARCELONA, SPAIN   **10/2010 – 02/2016**

M.Sc in Sound and Music Computing
UNIVERSITAT POMPEU FABRA, BARCELONA, SPAIN   **09/2009 – 09/2010**

B.Sc in Computer Science
ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS, ATHENS, GREECE   **09/2003 – 09/2009**

SKILLS

Data warehousing

Statistical Analysis

Machine Learning

Experimental design

Data visualization

Web development

Interaction design

SOFTWARE DEVELOPMENT

✅ Python, C++, Matlab, R, Javascript, Java

✅ Flask, Plot.ly, OpenFrameworks, Pure Data

✅ HTML/CSS, RESTful web services

✅ PostgreSQL, MySQL

✅ Docker, Git