Panos Papiotis, PhD

MULTIDISCIPLINARY DATA SCIENTIST

ABOUT

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

Birth date
29/4/1985

Nationality
Greek

Location
Barcelona

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

CONTACT

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in linkedin.com/in/ppapiotis

PROFESSIONAL EXPERIENCE

Senior Researcher, R&D software architect
MUSIC TECHNOLOGY GROUP, 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
- Managed innovation and technology transfer between the university and collaborating companies
- Applied User-Centred Design framework to prototyping & product development

Researcher, Teaching assistant
MUSIC TECHNOLOGY GROUP, UNIVERSITAT POMPEU FABRA   10/2010 – 02/2016

- Carried out quantitative scientific research, orchestrated large-scale experiments
- Curated multimodal datasets, published several articles in high-impact publications
- Tutored MsC students' final projects
- Co-organized the Barcelona Music Hackday

Co-organizer - Sónar+D Innovation Challenge
ADVANCED MUSIC S.L.   09/2015 – today

- Collaborating with industry leading companies to define challenges for the future of creative technology
- Building a network of top talent (developers, designers, artists) in creative technology worldwide

EDUCATION

PhD in Information and Communication Technologies
UNIVERSITAT POMPEU FABRA, BARCELONA, SPAIN   10/2010 – 02/2016

MSc in Sound and Music Computing
UNIVERSITAT POMPEU FABRA, BARCELONA, SPAIN   09/2009 – 09/2010

BSc 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