# Panos Papiotis, PhD

**MULTIDISCIPLINARY DATA SCIENTIST**

## ABOUT

Experienced researcher and developer interested in applied machine learning, data visualization, 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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## 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 – 02/2015**

- Handled data acquisition, exploration, statistical analysis, and visualization for a series of large-scale experiments
- Curated multimodal datasets, published several articles in high-impact publications
- Tutored MSc student's final projects
- Co-organized the Barcelona Music Hack Day

### ● 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

## 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