

# CURRICULUM VITAE

Tiago Pereira da Silva

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| Date of birth May, 7th 1984 | Nationality Portuguese | Current location Porto

## Professional experience

### Since 06/2017

Head of Engineering / Senior Software Engineer / BI Lead

FutureFuel, Lisbon

Analysis and development of a platform that implements student loan payment as a service.

Java, Groovy, Python, PHP, Laravel, React, Redux, AWS, Unit tests, Git, Jenkins

### 11/2014 to 06/2017

Senior Fullstack Developer / Lead

OLX, Lisbon

Analysis and development of e-commerce and online classifieds platforms (OLX, Imovirtual, Standvirtual) and a professional CRM platform. Part-time team leader.

PHP, MySQL, HTML5, JavaScript, jQuery, AngularJS, Git

### 07/2012 to 11/2014

Tech lead / Researcher

Fundação Caloust Gulbenkian - IGC, Oeiras

R&D in Computer Vision, Data Mining and Machine Learning with biometric data. Analysis and full-stack development of morphometric analysis software. Management of the development cycle

J2EE, J2SE, JSF, JavaScript, jQuery, Hibernate, SOAP, XML, MySQL, Weka, ImageJ, OpenCV

### 07/2011 to 07/2012

Software Developer

Card4B Systems, Matosinhos – Lisbon

Analysis and development of ticketing systems for public transportation companies

.Net, C#, MS-SQL, XML

### 06/2010 to 07/2011

Researcher

INESC Porto, Porto

R&D of Machine Learning and Data Mining systems for healthcare solutions

J2SE, XML, MySQL, Weka, Rapid Miner, R, Joomla

**06/2009 to 06/2010**

Software Developer

Unicer, Bebidas SA, Leça do Balio

Software development for sales and logistics in mobile platforms

.Net, .Net CF, C#, XML, MS-SQL, SCRUM

**12/2008 to 06/2009**

IT Trainee

IATI – Instituto Agilus I+D, Matosinhos

UI development for mobile platforms

.Net, .NET CF, C#, ASP, MS-SQL, IIS

**12/2002 to 03/2006**

Market research interviewer (part-time)

IEM, Unilever / Motivação Norte, Porto

Market researcher

## Other professional projects

**06/2015**

Webpage development

Cristânia Hotel, Luanda, Angola

Development of an institutional webpage and a basic booking system for an hotel.

**10/2014**

Software auditing

INESC Inovação, Lisboa

External auditing and testing of a web application.

## Academic course

**2020**

Business Analytics

Harvard Business School

**2011**

Post-Graduation in Project Management

Faculdade de Economia do Porto

**2007 to 2009**

MSc. in Systems and Networks Engineering

Faculdade de Ciências da Universidade do Porto

**2003 to 2007**

BSc. in Systems and Networks Engineering

Faculdade de Ciências da Universidade do Porto

**2003**

Secondary School Credential  
Escola Secundária Rodrigues de Freitas, Porto

## Certificates

**2016**

English level B2.2, United School

**2012**

Certified Project Management Associate, IPMA/APOGEP

**2011**

Professional Scrum Master I, Scrum.org

## Attended workshops

**2017**

TDD and PHPUnit with Sebastian Bergmann

## Published articles

**2021**

Why Gamification Is Not the Solution for Everything  
(Chapter of Handbook of Research on Solving Modern Healthcare Challenges With Gamification)

**2013**

Wing Patterns: A knowledge base for butterfly wings morphology, Tiago Silva, Pedro Lopes and Filipa Alves, International Conference on Evolutionary Patterns

**2011**

T-SPPA: Trended Statistical PreProcessing Algorithm, Tiago Silva e Inês Dutra, ICDIPC'11

DigiScope – Unobtrusive Collection and Annotating of Auscultations in Real Hospital Environments, Daniel Pereira, Fabio Hedayioglu, Ricardo Correia, Tiago Silva, Inês Dutra, Filipa Almeida, Sandra Mattos, Miguel Coimbra, EMBC '11

## Spoken languages

Portuguese – Native  
English – Spoken and written (Level B2.2)  
Spanish – Spoken only  
French – Basic reading skills

## Work as volunteer

### **2013 and 2014**

Instituto Gulbenkian de Ciência Volunteer at Optimus Alive

### **2006**

Representative on the university's education board in 2006

## Driver's licence

EU category B since 2003