

CURRICULUM VITAE

Tiago Pereira da Silva

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| [Date of birth](#) May, 7th 1984 | [Nationality](#) Portuguese | [Current location](#) Porto, Portugal

Short Bio

Currently FutureFuel.io's Head of Engineering, responsible for implementing the needs of multiple teams using state-of-the-art standards and techniques. With more than 10 years of experience as an IT professional working with both mainstream software development tools and cutting edge technologies in the fields of business intelligence, data mining, machine learning, and computer vision but also with experience in team and project management. Held positions with SuperBock Group and OLX Group prior to joining FutureFuel.io.

Professional experience

Since 06/2017

Senior Software Engineer / Head of Engineering / BI Lead

FutureFuel.io, Lisbon (Remote) - Student loan payment as a service

Software Development, Project Management, Data Engineering
(Java, Groovy, Python, PHP, Laravel, React, Redux, AWS, Unit tests, Git, Jenkins, Tableau)

11/2014 to 06/2017

Senior Full Stack Developer / Team Lead

OLX, Lisbon - E-commerce and online classifieds platforms (OLX, Imovirtual, Standvirtual)

Software Development, Team Management
(PHP, Laravel, MySQL, HTML5, JavaScript, jQuery, AngularJS, Git)

07/2012 to 11/2014

Tech lead / Researcher

Fundação Calouste Gulbenkian - IGC, Oeiras - R&D in Computer Vision, Morphometric Analysis, Data Mining and Machine Learning with biometric data.

Software development, Research and Development
(J2EE, J2SE, JSF, JavaScript, jQuery, Hibernate, SOAP, XML, MySQL, Weka, ImageJ, OpenCV)

07/2011 to 07/2012

Software Developer

Card4B Systems, Matosinhos – Lisbon - Development of ticketing systems for public transportation companies

Software development
(.Net, C#, MS-SQL, XML)

06/2010 to 07/2011

Researcher / Software Developer

INESC Porto, Porto - R&D of Machine Learning and Data Mining systems for healthcare solutions

Software development, Research and Development of Biometric Software (J2SE, XML, MySQL, Weka, Rapid Miner, R, Joomla)

06/2009 to 06/2010

Software Developer

Super Bock Group (former Unicer), 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 a hotel.

10/2014

Software auditing

INESC Inovação, Lisboa

External auditing and testing of a web application

Academic course

2020

Business Analytics Program

Harvard Business School

2017

TDD and PHPUnit Workshop

With Sebastian Bergmann

2011

Post-Graduation in Project Management

Faculdade de Economia da Universidade 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 - International Project Management Association / APOGEP

2011

Professional Scrum Master I
Scrum.org

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

Work as volunteer

2013 and 2014

Instituto Gulbenkian de Ciência Volunteer at Optimus Alive

2006

Representative on the university's education board

Spoken languages

Portuguese – Native

English – Spoken and written (Level B2.2)

Spanish – Spoken only

French – Basic reading and conversational skills

Driver's licence

EU category B since 2003