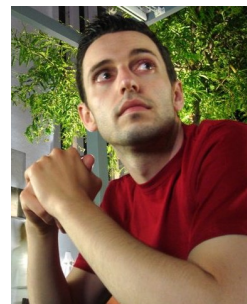


Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Magalhães, José Pedro**
Address(es) <http://dreixel.net>
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Nationality(-ies) Portuguese
Date of birth August 11, 1984



Work experience

Dates	01/01/2013 – present
Position held	Co-founder
Activity	Functional back-end developer
Employer	Chordify, The Netherlands
Dates	02/05/2012 – present
Position held	Postdoctoral research assistant
Activity	Postdoctoral researcher working on the Unifying Theories of Generic Programming project
Employer	Department of Computer Science, University of Oxford, United Kingdom
Dates	03/10/2011 – 23/12/2011
Position held	Research intern
Activity	Working on a variety of type-related improvements to GHC, such as a new kind polymorphic core, and the deferral of type errors to runtime errors
Employer	Microsoft Research, United Kingdom
Dates	01/04/2007 – 31/12/2007
Position held	Intern student
Activity	Conversion of existing 2D and stereo content into 3D content. 2-dimensional video background reconstruction, with application to the Philips 3DTV project.
Employer	Philips Research, The Netherlands
Dates	04/07/2006 – 15/09/2006
Position held	Summer Student
Activity	Development of an online application form for the CERN School of Computing (in Geneva), together with general technical assistance during the School period itself (in Helsinki).
Employer	CERN - European Organization for Nuclear Research, Switzerland

Education and training

Dates	02/2008 – 09/2012
Qualification held	Doctor of Philosophy (PhD)
Main subjects	Datatype-generic programming, functional programming, Haskell.
Name of organisation	Department of Information and Computing Sciences, Utrecht University, The Netherlands
Dates	09/2002 – 12/2007
Qualification held	Computer Science and Systems Engineering Licentiate (Licenciatura em Engenharia de Sistemas e Informática)
Main subjects	Computer Science, System Administration, Database Management, Programming, Formal Methods, Artificial Intelligence.
Name of organisation	Informatics Department, Minho University, Portugal

Personal skills and competences

Mother tongue(s)

Portuguese

*Self-assessment
European level^(*)*

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user

English

Dutch

^(*) Common European Framework of Reference (CEF) level

Academic activities

2014	Program chair of the 10th ACM SIGPLAN Workshop on Generic Programming (WGP'14) Program committee member of the 2014 ACM SIGPLAN Haskell Symposium (Haskell'14) Invited observer at the 71st IFIP 2.1 Working Group meeting, The Netherlands Assistant and assessor for the February and September editions of the Software Engineering Programme Master course on Functional Programming, University of Oxford Assessor for the Software Engineering Programme Master course on Object Orientation, University of Oxford
2013	Program committee member of the 1st ACM SIGPLAN Workshop on Functional Art, Music, Modeling and Design (FARM'13) Invited observer at the 70th IFIP 2.1 Working Group meeting, Germany Assistant for the Software Engineering Programme Master course on Functional Programming, University of Oxford

	Assistant for the Bachelor course on Advanced Data Structures and Algorithms, University of Oxford
	Guest lecturer at the Utrecht Applied Functional Programming Summer School, Utrecht University
2012	Invited speaker at ICT.OPEN, The Netherlands
	Assistant for the CEA HPC Computer Science Summer School on Functional Programming for Parallel and Concurrent Applications, France
	Local organiser of the 24th Symposium on Implementation and Application of Functional Languages, University of Oxford
2011	Assistant for the Utrecht Summer School in Computer Science: Applied Functional Programming, Utrecht University
2010	Assistant for the Master course on Generic Programming, Utrecht University
	Local organiser of the 22nd Symposium on Implementation and Application of Functional Languages, Utrecht University
2009	Assistant for the Master course on Generic Programming, Utrecht University
2008	Assistant for the Master course on Generic Programming, Utrecht University

Patents

2013	US8515134 B2—System and method for motion estimation using image depth information (issued)
2011	US20110123113 A1—Use of inpainting techniques for image correction (application)
2010	WO2010029476 A1—Bilateral filter (application)

Artistic skills

2004	Complementary Organ studies (8th grade), certified by Porto Conservatory, Portugal
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Awards and distinctions

2014	Best paper award for “Optimizing SYB is Easy!” at PEPM ’14
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