# Rui Ramos

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## PERSONAL STATEMENT

A committed, knowledgeable and capable BigData Engineer, highly experienced in Systems Administration, with significant expertise in HPC and BigData systems. Agile experienced profissional with strategic planning and management skills. A designer and architect of new services and IT platforms envolving Distributed Systems and Data. A confident presenter and teacher, able to impart complex information to audiences of all levels.

## EMPLOYMENT HISTORY

### 02/2016 – Present

**Big Data Engineer | Farfetch**

- Design and develop highly scalable, end to end process to consume, integrate and analyze large volume, complex data from sources such as Hive, Flume, Kafka or Storm
- Build fault-tolerant, adaptive and highly accurate data computational pipelines.
- Improve existing ETLs to Hive and Spark. Implement new processes on the DataLake platform and work closely with Data Scientists to transform Big Data into model ready forms to support analytic projects

### 03/2009 – 02/2016

**Systems Administrator | University of Porto**

- Working in the Administration and Computational Unit at the Rectory of the University of Porto. Managing Central Services for the University as DNS, Mail, Identity Management, eLearning platforms, HPC/Grid, Private Cloud, Web Hosting and Digital Repositories.

### 03/2006 – 03/2009

**HPC & Grid Computing Specialist| University of Porto**

- Development and Administration of a High Performance Computational service based on GRID technology as Tier-2 for EGI

### 07/2004 – 11/2004

**Researcher | LIACC – Artificial Intelligence and Computer Science Laboratory**

- Integrated in MIMO "Models and Infra-structures for Mobile Computing" project at LIACC "Laboratory of Artifitial Inteligence and Computer Science" where i was responsible for developing a Java compiler for a distributed language.

### 02/2004 – 06/2004

**Software Developer  | Finantech**

- Development of a Market system application. A .NET C/C++ application using the FIX protocol. This work was made in the context of a final project for graduation in Computer Science. more info (http://www.finantech.pt/marketsystem.aspx)

**EDUCATION**

<span style="color:red">1999 – 2004</span>

**Universidade do Porto**

**BSc: Computer Science**

**PUBLICATIONS**

- **Studying the feasibility of (quasi)real-time spatio-temporal applications using grid infrastructures**

  *Jun 2012  publication descriptionConference: Joint GISELA-CHAIN Conference*

- **UPORTOaai - The Authentication and Authorization Infrastructure at the University of Porto**
  *Conference: EUNIS 2011 Maintaining a sustainable Future for IT in Higher Education, At Dublin, Ireland*

**International Summer School on Grid Computing 2007**

ICEAGE – Sweden

**Certifications**

- Functional Programming Principles in Scala
- Relational Database Support for Data Warehouses
- Data Warehouse Concepts, Design, and Data Integration
- Database Management Essentials
- CS105x: Introduction to Apache Spark
- edX Verified Certificate for Big Data Analysis with Apache Spark

**Supporter**

- GreenPeace

- Wikimedia Foundation

**REFERENCES ON REQUEST**

- **https://www.linkedin.com/in/ruimsramos/**