

PROFESSIONAL EXPERIENCE

Lead Back-end Engineer for #Gopop | Zeega | <http://gopop.co> | <http://gopop.co/download>

October 2013 – present - Brooklyn, NY

Leads the design and development of all back-end and data systems. Works with Elasticsearch to create a personalized user experience. Successfully implemented a scalable back-end architecture. Implemented the network components of the first version of the iOS app (Core Data and AFNetworking). Currently programming in Scala, Akka, Play Framework 2, Objective-C, Elasticsearch and PostgreSQL.

Lead Engineer for zeega.com | Zeega | <http://zeega.com>

2 Years - September 2011 – October 2013 - Cambridge, MA and San Francisco, CA

Led the design and development of all backend and data systems. Successfully scaled Zeega to thousands of concurrent requests. Created a distributed system for data ingestion. Managed the deployment of all system components in AWS and Rackspace. Programmed in PHP, Python, JavaScript, RabbitMQ, Solr and MongoDB. Zeega is open-source software and is on Github at <https://github.com/zeega>.

Text Mining Assistant | Textkernel | <http://textkernel.com>

6 Months - January 2011 - June 2011 - Amsterdam, The Netherlands

Part-time position with diverse tasks related to software development, information retrieval and machine learning. Daily tasks included writing Perl and Python scripts for information extraction (job boards, Twitter), and implementing map-reduce jobs with Hadoop, among others.

Student Programmer | Google and Berkman Center at Harvard | <https://github.com/luisbrandao/gsoc2010>

4 Months - May 2010 - August 2010 - Remote

Designed and implemented in Ruby on Rails a data integration system for the discovery of hidden connections between existing data sets. Open-source project developed under the Google Summer of Code Program 2010 for the Berkman Center for Internet & Society at Harvard University.

Software Engineer and Consultant | DOCKSgroup

2 years and 8 months - September 2007 - April 2010 - Lisbon, Portugal

Developer and consultant in document management projects. Primary responsibilities included the analysis, design and implementation of system integration components. Helped the definition of a development process that included the use quality analysis, code reviews and continuous integration as standard practice among the development team. Led the definition of research strategies and innovation guidelines for the company. Tools and frameworks used include Java, C# and C++.

EDUCATION

MSc. Artificial Intelligence – Track Learning Systems

2011 (currently on leave; completed all but dissertation) | University of Amsterdam, The Netherlands

BSc. Informatics and Computer Engineering

2008 | Instituto Superior de Engenharia de Lisboa, Portugal

Attended the 1st Lisbon Machine Learning School

2011 | Instituto Superior Tecnico, Portugal

Attended to the European Summer School in Logic, Language and Information

2007 | Trinity College – Dublin, Ireland