Rúben André Letra Barreiro

Computer Science Engineer, IT/IS Programmer and Technician

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📅 19 November, 1992

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WORK EXPERIENCE

Waiter Service
Delmare Café Beach Club ⧉

06/2016 – 08/2016   *Almada, Setúbal, PT*
Beach club/bar

Achievements/Tasks
- Wait service, organization of events, bar service and cleaning service

Technical Computer Support
RE/MAX Central and MaxFinance Central

11/2012 – 03/2013   *Center of Lisbon, Lisbon, PT*
Real estate and financial consulting companies

Achievements/Tasks
- Enterprises' computers maintenance and marketing

Professional Internship
FNAC Chiado ⧉

11/2011 – 01/2012   *Center of Lisbon, Lisbon, PT*
Retail chain selling cultural and electronic products

Achievements/Tasks
- Retail, stock replacement and Christmas' event photographer;

EDUCATION

BSc. of Computer Science and Engineering
Faculty of Sciences and Engineering of New University of Lisbon ⧉

09/2013 – 07/2018   *Almada, Setúbal, PT (15 of 20)*

Core Courses and Scientific Researches
- Object Oriented Programming (15 of 20), Computer Architecture (15 of 20), Operating Systems Foundations (16 of 20), Algorithms and Data Structures (14 of 20), Databases (16 of 20), Computer Graphics and Interfaces (14 of 20), Computer Networks (14 of 20), Artificial Intelligence (14 of 20) and Distributed Systems (15 of 20);
- Practical Activity for Curricular Development - Scientific Research: Hyrax Project (17 of 20) with collaboration of Faculty of Sciences of University of Porto and Carnegie Mellon University;

Professional Course of Technician of Programming and Management of Computer Systems
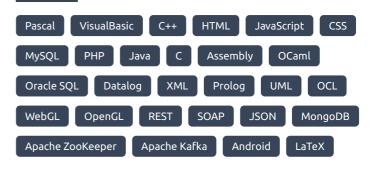High School of Monte de Caparica ⧉

09/2009 – 07/2012   *Almada, Setúbal, PT (14 of 20)*

Core Subjects and Professional Internships
- Information Technologies and Communication (17 of 20), Communication Networks (14 of 20), Computer System's Programming (15 of 20), Operative Systems (12 of 20);
- Professional Internship in Fnac Chiado (17 of 20);
- Final project based in a creation of a Dynamic Web Page for Sales and Auctions in School's Community (15 of 20);

SKILLS

Pascal · VisualBasic · C++ · HTML · JavaScript · CSS · MySQL · PHP · Java · C · Assembly · OCaml · Oracle SQL · Datalog · XML · Prolog · UML · OCL · WebGL · OpenGL · REST · SOAP · JSON · MongoDB · Apache ZooKeeper · Apache Kafka · Android · LaTeX

PROJECTS

Hyrax: Crowd-Sourcing Mobile Devices to Develop Edge Clouds (DiCE) (02/2017 – 01/2018) ⧉
- A scientific research project of Faculty of Sciences and Technologies of New University of Lisbon (Almada, Setúbal, PT), Faculty of Sciences of University of Porto (Center of Porto, Porto, PT) and Carnegie Mellon University (Pittsburgh, Pennsylvania, USA);
- Development of a system for collaborative distributed computing in a network of heterogeneous nodes;
- Development of system builds on a replicated, distributed and eventually consistent queue of tasks, that requires little coordination;
- A scientific research project under Prof. Hervé Paulino's supervision (Contact: herve.paulino@fct.unl.pt);

VOLUNTEERING

Volunteer in Lifeshaker Association/Upgrading Participation E6G at Almada, Setúbal, PT (01/2018 – 03/2018)
Participation and volunteering in some social activities;

Volunteer in ExpoFCT 2016 at Faculty of Sciences of New University of Lisbon (04/2016 – 04/2016)
Volunteering in the following activities: "Fiat Lux - À boleia dos fotões!" and "Pong";

Volunteer in AlmadaForma's Training Center (06/2017 – 07/2017)
Craftworks, handicrafts and management of documents (Certifications and Diplomas of some students that frequented some courses) in a social initiative from High School of Monte de Caparica and City Council of Almada;

LANGUAGES

Portuguese
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Computer Science/Engineering · Artificial Intelligence/Robotics · Computer Graphics · Computer Networks/Distributed Systems · Databases/Big Data · Augmented/Virtual Reality · Computer Architectures/Systems · Scientific Research