

Nuno Lebreiro

PERSONAL

INFORMATION

Praceta da Formiga, Cx. 2779
4750-158 Barcelos, PORTUGAL

Phone: +351 936 543 041
nflbreiro@gmail.com

PROFILE

- Team spirit, organized and committed with excellent communication skills.
- Goal oriented with a passion for complex database systems.
- Easily adapts to multicultural environments.
- Confident, highly motivated and determined. Fast learner.

PROFESSIONAL EXPERIENCE

ACIB - Associação Comercial e Industrial de Barcelos, Barcelos, Portugal

Professional Trainer

February 2010 to June 2010

- IT Trainer

University of Minho, Guimarães, Portugal

Researcher at Fibrous Materials Research Group

January 2009 to June 2010

- Collaborative research project University of Minho / Groz-Beckert

Bang & Olufsen, Struer, Denmark

Prototype Developer

June 2009 to July 2009

- Portable living room experience

University of Minho, Braga, Portugal

Junior Researcher at Informatics Department

July 2008 to November 2008

- CYCLOPS Project - Cyber Infrastructure for Civil Protection Operative Procedures

University of Minho, Braga, Portugal

Junior Researcher at Centre of Physics

February 2008 to June 2008

- Project "Improving colour coding of natural scenes with biological and artificial filters"

EDUCATION

University of Minho, Braga, Portugal

M.S., Systems Engineering (expected: July 2010)

- Fields of Study: Data Warehouse; Decision Support Systems; Models and Methods of Decision; Logistics; Project Management; Simulation; Systems Analysis; Project Evaluation; Industrial Marketing; Optimization.

B.E., Computer Science and Systems Engineering, July 2008

Engineering College of Aarhus, Aarhus, Denmark

Summer School (Internship) - Bang & Olufsen (B&O) - Erasmus Intensive Program, Conceptual Design and Development of Innovative Products, July 2009

- Fields of Study: Innovation, Product Development and Prototyping

ACHIEVEMENTS
AND ACTIVITIES

IBM DB2 Student Ambassador

- One of the founders of the first Portuguese DB2 Students Group, October 2007

Computer Science Student Center

- Member and president of Student Center from 2007 to 2008

PROJECTS

Selective waste routing optimization using forecasting techniques

Masters Thesis

It's a case study of a well know waste operator in Portugal in which I'm studying the selective waste routing process and developing heuristics to optimize the complex vehicle routing problem.

The technologies in use are Ms SQL Server and Visual Basic .NET.

Inverse Logistics of WEEE

Plan, model and development of a prototype Data-warehouse to integrate all the information of a Waste Electrical and Electronic Equipment operator.

The technology used were Ms SQL Server.

Simulation

Simulate an enterprise in all his manufacturing steps and study the best affectation algorithm for parallel machines.

The technology used were Rockwell Arena and Java.

Colour coding

Using a PR-650 SpectraScan Colorimeter I develop a program that checks the calibration of various projectors and calibrates them.

The technology used were C and VR Juggler.

TECHNICAL
SKILLS

Languages

- C, Java, Haskell, Prolog, SQL, UML, HTML, Visual Basic, C#, LaTeX

Databases

- DB2, Oracle, MySQL, Ms SQL Server, PostgreSQL

Operating Systems

- Mac OS X, Linux, Windows

Miscellaneous

- Drupal, Eclipse, Netbeans, Lex, Rockwell Arena, Ilog OPL