

filipe barros

address: paredes, porto

email: afbarros@me.com

mobile: (+351) 91 755 97 68

website: paginas.fe.up.pt/~ei07056

education

Faculty of Engineering of the University of Porto, 2007-2012

Master in Informatics and Computing Engineering

Optional Courses Attended:

Distribution and Integration Technologies

Software Systems Requirements Engineering

Multimedia and New Services

Current Grade: 14 out of 20

Faculty of Electrical Engineering and Computing of the University of Zagreb, 2011-2012

One year studying abroad under the Erasmus Program

Courses Attended:

Advanced Databases

Business Intelligence

Risk Management

Service Oriented Computing

academic experience

Master Thesis - Design of Interactive User Interfaces for Advanced Web Applications

This project consisted on the definition and development of a user-friendly web application that respects the standards of the technologies used in web development.

Technologies:

HTML5

CSS3

JavaScript (jQuery, Modernizr)

PHP

MySQL

Final Grade in FER (Croatia): 5 out of 5

Final Grade in FEUP (Portugal): 16 out of 20

Project Management Laboratory - Telemedicina

This project was developed for the company Glintt HS, in the context of the course of Project Management Laboratory. The main objective of the project was to develop a web application that would enable healthcare professionals that work in hospitals and clinics to communicate among themselves through text, video and audio and screen sharing.

Technologies:

- Silverlight
- C#
- SQL Server 2008
- Microsoft Lync

Final Grade: 17 out of 20

Software Development Laboratory - Wikiaware

This project consisted of creating a set of plugins for the Redmine wiki. These plugins add a social component to Redmine (statistics, bookmarks, comments, etc...).

Technologies:

- Redmine
- Ruby on Rails
- JavaScript
- HTML
- CSS

Final Grade: 18 out of 20

Database and Web Applications Laboratory - Solinho Resort and Spa

This project consisted in the development of a web application that helps hotels to plan, organize and manage their events.

Technologies:

- PHP (Smarty)
- JavaScript (jQuery)
- PL/SQL
- PostgreSQL
- HTML
- CSS

Final Grade: 18 out of 20

Complements of Programming and Algorithms

This project consisted on the development of a Java Application that would give the user the best possible path between two metro stations. This was done using Dijkstra's weighted algorithm.

Technologies:

- Java (Swing)

Final Grade: 18 out of 20

social skills

Good Team-Working Skills

Small Teams

Database and Web Applications Laboratory - Two People

Medium Teams

Project Management Laboratory - Six People

language skills

Mother Tongue

Portuguese

Other Languages

English

Academic training during eight years

Croatian

EILC course during a month for a total of 76 hours. The attendance of this course was due to the stay in Zagreb, Croatia, under the Erasmus Program

other skills

Technical Skills

Programming Languages

C#, Java, HTML, CSS, PHP, JavaScript, SQL, C++, Objective-C

Frameworks

jQuery, .NET, Silverlight, Swing, OpenGL, Android SDK, Cocoa, iOS, Ruby on Rails

Programming Methodologies

TSP/PSP, SCRUM, Extreme Programming

Computer Skills

Proficient in the use of the following tools

Apple iWork, Microsoft Office, Eclipse IDE, Microsoft Visual Studio, Netbeans, Enterprise Architect, Balsamiq Mockups, Git, SVN, Redmine, DokuWiki

work examples

