

# Alexandre Pinto

Coimbra, Portugal

✉ [arpinto@student.dei.uc.pt](mailto:arpinto@student.dei.uc.pt)

🌐 [alexpnt.github.io](https://alexpnt.github.io)

🌐 [github.com/alexpnt](https://github.com/alexpnt)

## Work Experience

SEP 2013 - MAR 2014

### Software Developer - **Pedro Nunes Institute (IPN)**

Helped maintaining and developing new features for the information systems.

Technologies used: Java Struts, Ruby on Rails, Git.

## Relevant Academic Projects

FEB 2014 - MAY 2014

### Expert Contact

This project was carried out in the context of the Software Project Management course. The objective of the project was to build a new way of communication between the nurses and patients with breast cancer during chemotherapy sessions. This project was a partnership between the research team working at Institute of Health and Care Sciences of the University of Gotemburg and the University of Coimbra and was conducted by a multidisciplinary team.

Technologies used: Struts2, Hibernate Generic D.A.O. Framework, Bootstrap, Git.

Role in the team: Developer.

FEB 2014 - MAY 2014

### Predicting the memorability of images

This project was carried out in the context of the Artificial Intelligence course. The goal of this project was the automatic classification of images into a degree of memorability by computing their levels of attention according to a set of dimensions.

Technologies used: scikit-learn (Machine Learning in Python).

FEB 2014 - MAY 2014

### Semantic Search and Recommendation in eCommerce

This project was carried out in the context of the Semantic Web course. The objective of the project was to build an ecommerce website where users could search for electronic products, browse product categories and get recommendations.

Technologies used: Protégé (Ontology editor), Apache Jena, Apache Tomcat.

## Education and training

### ➤ University of Coimbra

*Master Degree in Informatics Engineering - Intelligent Systems (Currently)*

*2013 – present*

*Relevant Courses:*

- Artificial Intelligence, Semantic Web, Internet Applications
- Evolutionary Computation, Adaptive Computation
- Project Management, Systems Integration
- Information Theory, Statistics, Technical Communication

✧ **University of Coimbra**

*Bachelor Degree in Informatics Engineering*

*2010 – 2013*

- Admission Grade: 17.55/20
- Graduated with 16/20 average

✧ **High School - Quinta das Flores**

*Science and Technology Course*

*2007 – 2010*

- Graduated with 16/20 average

## Awards, Grants & Honours

Award to the 3% Best Students . . . . . 2010 – 2011  
Award to the 3% Best Students . . . . . 2011 – 2012

## Technical Skills

- ✧ **Programming Languages:** Proficient in Java, Python and C. Additional knowledge in Action-Script 3.0 and Matlab 2010b.
- ✧ **Semantic Web:** Ontologies Representation (RDF,OWL), Triple Stores, SPARQL, Apache Jena.
- ✧ **Artificial Intelligence:** Evolutionary Computation, Supervised/Unsupervised Learning Algorithms, NLP.
- ✧ **Data Structures and Algorithms:** Knowledge of different Algorithmic Paradigms.
- ✧ **Control Version Systems:** Git.
- ✧ **MVC Frameworks:** Proficient in Struts2. Familiar with Rails.
- ✧ **Databases:** Familiar with MySQL, Oracle, Postgresql.
- ✧ **Development Tools:** Eclipse, Netbeans, IntelliJ, PyCharm, Sublime Text Editor.
- ✧ **Web:** Proficient with HTML. Familiar with CSS and Bootstrap.
- ✧ **Operating Systems:** Competent in GNU/Linux and Windows.
- ✧ **Productivity/Project Management Tools:** Gummi LaTeX Editor, Mendeley Reference/PDF Manager, Trello, Slack.
- ✧ **Languages:** Portuguese(fluent,native), English(Very Good).
- ✧ **Professional:** Self-motivated, Self-learner, Team Player, Planning and Organizational Skills.
- ✧ **Activities & Interests:** Reading, Running, Programming by passion and hobby.