PATRICIA NAVARRO MARTÍN

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in Patricia Navarro Martín

Job objective

A role in a cutting-edge human computer interaction team, coordinating the technical areas to create specifically designed product focused on reinventing user's experience via natural computing and ergonomic designs.

Summary of Qualifications

- **Technical background**
  - Developed user-friendly interfaces explicitly designed for senior adults and their caregivers. Gathering behavioural data of the beta customers at Edouard Remy and referencing to cognitive psychology to provide creative and optimized beta web application.
  - Multimedia knowledge predominantly related to image processing, computer vision and sound analysis, executed in the extraction of digital information like speech or face recognition programs.
- **Social awareness**
  - Active volunteer instructor in a non-profit organization for 11 years, mentoring and assisting children and teenagers with diabetes, regularly facing stressful situations where problems require an immediate successful solution. Meanwhile obtaining sensitivity on the essential interaction between their daily life and medical technology.
  - Voted vice-deputy in high school to represent the year group, communicating and resolving any issue as a liaison between students and teachers.
- **Management abilities**
  - Applied scrum methodology in the development of a web application to improve elderly people's quality of life in their residence or home care.
  - Insight in quality management approaches, applying decision making models and control techniques to prioritize tasks efficiently, minimize manufacturing time in various case scenarios.
  - Studied specialized courses in engineering communication and business intelligence, where strategies like motivational theory and organizational behaviour were addressed.

Academic background

2017-2018 Belgium KU Leuven	**Master in Electronics and ICT** • <u>Focus:</u> Internet computing

2013-2017
Spain
ULPGC
	Bachelor in Industrial Engineering.
	• <u>Focus:</u> Industrial electronics and automatization
	• <u>Cum laude</u>:
	    o ICT and programming
	    o Project management
	    o Thesis: Face recognition using a graphics processing unit

Related courses:
- Introduction to parallel programming with CUDA
- Computer vision seminars

Bachelor thesis

Title: Face recognition using a graphics processing unit

A competitive and functional solution for the execution of a facial recognition program as a control of access for an industry. The combination of the software with an intuitive design, an optimized program and a small mobile hardware, exploit the potential of a facial recognition system generated within the resources restrictions. Concluding in a high performance, user-friendly and remotely executable application using this specific biometry authentication technique in a more natural approach.

Internship experience

Positronica S.A. – Conducting the maintenance services under the strict quality control policy present at the medical field in which this company focuses: electromedicine equipment.

Proficiencies

Programming languages	C	C++	C#	Java	PHP	MATLAB
Computer skills	OpenCV	MySQL	HTML	CSS	Microsoft Office	SolidWorks

Languages	**Spanish: mother tongue**	**English: advanced level** • Studied from elementary to high school in an English-speaking institution. • IELTS certificate: 8 • English master programme while living in Belgium