

## DEGREES

- PHD PhD Degree in Applied Sciences, Faculté Polytechnique de Mons, Belgium, with the highest Honors. 2006
- MS Master Degree in Applied Sciences, Faculté Polytechnique de Mons, Belgium, with the highest Honors. 2004
- MS Engineer Degree (Ir), ESIGETEL, Fontainebleau, France. Major of specialization. 2002

## RESEARCH EXPERIENCE

- FACULTÉ POLYTECHNIQUE DE MONS, BELGIUM : Research on Text detection, Text extraction and enhancement through video frames, and Character recognition from camera-based images for a security-based application. 2007–Present.
- FACULTÉ POLYTECHNIQUE DE MONS, BELGIUM : Research on Text extraction, Character segmentation and recognition from camera-based images for a Picture-to-Speech application. 2003–2006.
- DASSAULT SYSTÈMES, FRANCE : Intern, Realization of a prototype of world-stabilized augmented reality for Teleconference, to integrate virtual objects in video. It implies viewer's creation, camera's calibration, and registration of the virtual world. 2002 (6 months).
- ESIGETEL, FRANCE : Intern, Creation of a talking face with analysis of phonemes and visemes. The speech processing was made by Matlab. Development on an audio basis in order to synchronize the movements of the avatar lips with the sound digitally reconstituted. 2002 (3 months).

## WORK EXPERIENCE

- ESIGETEL, FRANCE : Assistant, Courses about Augmented reality, PDAs, RFIDs, Data Compression for students in engineering school. It includes courses, projects (short and long) exams and corrections. 2003-Present.
- ECE, FRANCE : Assistant, Courses about PDAs for students in engineering school. 2003-2005.
- HYSYS, FRANCE : Computer Science Consultant, Mission at Heidelberg, an international society for printing presses. Reporting on web server of devices errors. JSP Technologies, Tomcat server, SQL Server Database. 2002.
- THOMSON ELECTRONICS, OH, USA: Intern, Web based design and analysis, implemented in ColdFusion and SQL Server using MDX language, data warehousing with direct data mart access using OLEDB/MOLAP for real time computation and shared use by three distant factories in the United States, France, and Poland. 2001.

## LANGUAGES

- French* Mother tongue
- English* Fluent - TOEFL + 3 months in US in 2001 + 3 months in UK in 2005