

DEGREES

- 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
- Preparatory studies for entrance into engineering schools, in addition to DEUG MIAS, equivalent to a 2-year college diploma in mathematical science, France. 1997-1999
- Scientific Baccalaureate degree, equivalent to the freshman year in a U.S. university, in maths and physics, France. Graduated with Honors. 1997

RESEARCH EXPERIENCE

- FACULTÉ POLYTECHNIQUE DE MONS, BELGIUM : PhD Student, Research on character segmentation and recognition for a Picture-to-Speech application. Work deals mainly with degraded characters, as those taken by a camera. 2003–Present.
- 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

- ECE, FRANCE : Assistant, Courses about PDAs for students in engineering school. 2003-2005.
- ESIGETEL, FRANCE : Assistant, Courses about augmented reality for students in engineering school. Management of a three-student team for a project about augmented reality. 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 summer 2001 for an internship
- German* Scholarship knowledge