

ROMAIN RAVEAUX

(Expert in pattern recognition)

PERSONAL DETAILS

- Nationality : French
- Sex : Male
- Age : 25 years old

SKILLS

- Genetic programming
- Language : Java/C++/Assembler/Delphi
- Data Bases (MySQL)
- Web technologies : PHP/XML/JavaScript
- Pattern Recognition/Image Processing
- Network/Network programming

ACADEMIC BACKGROUND

- 2003-2006** Institute of technology Rouen – France
 - Master in networking and telecommunication.
 - Master in archiving information and pattern recognition.
- 2002-2003** Institute of technology Carlow - Ireland
 - National diploma in Computing
- 2000-2002** Institute of technology Cherbourg - France
 - DUT : French equivalent of Certificate
 - Two years course taken after the A' level
- 1999-2000** Secondary school Lisieux - France
 - Bac: French equivalent of A' level
 - Passed with Honor

PROFESSIONAL EXPERIENCE

- 2006** AlgoTech Computing Biarritz - France
 - *Position* : Engineers – Software developer (*Work placement of 6 months*)
 - *Main realisation* : Retrieving information from wiring diagrams.
 - *Developed tools*: (in delphi and java)
 - Learning machine based on a network approach , application to symbol recongition.
- 2005** LITIS' laboratory Rouen - France
 - *Position*: Temporary researcher (*Work placement of 12 months*)
 - *Main realisation*: Learning system based on graph representation , application to symbol recognition.
 - *Developed tools*: (in C++)
 - Development and comparison of similitary measures between graphs.
 - Genetic algorithm dedicated to lablled graph data strcuture.
- 2002** Quantaflow (*Work placement of 6 months*) Lisieux - France
 - *Software Developer (VisualC++ / Assembler)*

PUBLICATIONS

- ✓ “*Graph Classification Using Genetic Algorithm Application to Symbol Recognition*”; ICPR2006
- ✓ “*Approximation of digital curves using Multi-Objective Genetic Algorithm*”; ICPR2006
- ✓ “*Polygonal Approximation of Digital Curves Using a Multi-Objective Genetic Algorithm*”; GREC2005

MISCALLENEOUS

- English : fluent
- Driving License
- French : native
- OS : Linux / Windows

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