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**EDUCATION**

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2009-2011	<b>ENS Ulm</b> (École Normale Supérieure), Paris, in partnership with EHESS and Paris 5. <b>Research Master in Cognitive Science (CogMaster)</b> , specialization in artificial intelligence. Ranked 2 <sup>nd</sup> out of 43.
2008-2011	<b>CNAM</b> (Conservatoire National des Arts et Métiers), Paris. <b>Research Master in Computer Science</b> , specialization in artificial intelligence. Ranked 2 <sup>nd</sup> out of 50.
2007-2011	<b>HEC Paris</b> , Ranked 1 <sup>st</sup> European Business School by the Financial Times 5 years in a row. <b>Master of Science</b> , specialization in information systems. Ranked top 1% and 1 <sup>st</sup> in maths/CS in the entrance examination among 5,000 candidates.
2008-2009	<b>University of Bath</b> , England. Exchange student for the first semester.
Summer 2008	<b>Summer School</b> in computer science at <b>Stanford</b> , United States. Achieved average grade: A
2007-2008	<b>University Paris-Dauphine</b> , Bachelor's degree in Mathematics.
Summer 2007	<b>Summer School</b> in economics organized by the <b>LSE</b> and <b>PKU</b> (Peking University) in Beijing.
2005-2007	<b>"Classe Préparatoire"</b> at <b>Lycée Henri IV</b> , Paris An intensive two-year course after the Baccalaureate to prepare for the competitive entrance into France's leading colleges. Courses included mathematics, computer science, languages and economics. Ranked 2 <sup>nd</sup> out of 46. Admitted in all best schools.
2005	<b>French "Baccalauréat" specialized in Science</b> : equivalent to A-levels or ACT/SAT tests.
2002-2005	<b>Secondary school</b> at <b>Lycée Henri IV</b> , Paris, " <i>widely regarded as one of the most demanding in France</i> " according to Wikipedia. Specialization in science.

**WORK EXPERIENCE**

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2011-Present	<b>Research Intern in Artificial Intelligence at LIP6</b> (Laboratory of Computer Science, Université Pierre et Marie Curie, Paris). My current research aims at building conversational agents for serious games. It mostly makes use of semantics, ontology, natural language processing and knowledge representation.
2010-2011	<b>Research Intern in Artificial Intelligence at ISIR</b> (Institute of Intelligent Systems and Robotics, Université Jussieu, Paris): 10 months. I built a computational neuroscience model of the reticular formation, a part of the brain which is involved in low-level decision making, using artificial neural networks optimized with evolutionary computation. I evaluated it as a mobile robot controller.
2010 (Jan-Jul)	<b>Software Developer at La Banque Postale</b> (a major French bank): 7 months. I worked on the specification, conception and development of a project management application within La Banque Postale's J2EE expert department. → <i>Technologies</i> : Java (Spring), PL/SQL, UML, HTML, JavaScript (MooTools, jQuery), CSS, XML, IBM Rational Software Architect, IBM WebSphere, Oracle DB, PowerAMC, Oracle SQL Developer, CVS.

2008-2010	<p><b>Creation of the website Wiki4Games.com:</b> ca. 3 years.</p> <p>My brother and I launched this wiki dedicated to video games: over 4,200 articles created, 2,200 files uploaded and 3 million page views since 11 April 2008.</p> <p>→ <i>Technologies:</i> PHP, C++ (Qt), HTML, JavaScript, CSS, MySQL, SQL, Ubuntu Server, Apache HTTP Server, Webmin, BIND.</p>
2008-2009	<p><b>President of HEC Microsystèmes,</b> HEC's Computer Science club: ca. 1 year.</p> <p>Our CS club gives classes in CS that are recognized and paid by HEC to over 500 students every year, buys and resells around 100 PC/year, runs the main campus websites such as campushec.com or bdehec.com, helps students to fix their laptops, organizes LAN parties and our office is open 5 hours/day.</p> <p>Leading this society improved my CS knowledge (C++ programming, networks, computer architecture, ...) along with my team management and teaching skills.</p>
2005-2006	<p><b>Creation of the website FMClubbing.com:</b> ca. 2 years.</p> <p>I founded this website about Paris' nightlife and promoted it with some friends. During the first year, the website had over 300,000 hits, more than 500 parties were published and 43 nightclubs contacted me to advertise their parties on the website.</p> <p>→ <i>Technologies:</i> HTML, PHP, JavaScript, CSS, MySQL, SQL</p>

## ***LANGUAGES AND COMPUTER SKILLS***

Languages	<p><b>French:</b> Native language</p> <p><b>English:</b> Fluent (Over 1 year in English-speaking countries. TOEFL: top 5%; GRE: top 5%)</p> <p><b>German:</b> Intermediate ; <b>Spanish:</b> Lower intermediate</p>
Computer Skills	<p><b>Software:</b> Eclipse, Code::Blocks, MS Office, MySQL, LibO, Visual Studio, Qt Creator, ...</p> <p><b>Web technologies:</b> HTML, SQL, JS, PHP, Apache HTTP Server, TCP/IP stack, ...</p> <p><b>Networking/security tools:</b> Wireshark, Cain &amp; Abel, Ettercap, Cain, ...</p> <p><b>Programming:</b> C++ (Qt, SDL, ...), Java (Spring), Python, VB, QBasic, Haskell, MATLAB, ...</p> <p><b>Operating systems:</b> Unix, Windows.</p>

## ***AWARDS***

2011	Outstanding Full Grant Award from DGA (French Department of Defense) for research in AI.
2010	Google AI Challenge – Autumn 2010 (Artificial Intelligence): Top 10% (FrankyRP).
2009	NewbieContest (Hacking): Top 1% (FrankyRP).
2006	SimONU (ONU-like negotiation simulation): Best public speaker award.
2005	Kangaroo (Maths): ranked 1 <sup>st</sup> in Lycée Henri IV.

## ***MAJOR PUBLICATIONS***

- ***The medial Reticular Formation: a neural substrate for action selection? An evaluation via evolutionary computation.*** Master's Thesis (ENS/EHESS/Paris 5). F. Derroncourt, S. Doncieux and B. Girard (2011).
- ***Fuzzy logic: introducing human reasoning within decision-making systems?*** Master's Thesis (CNAM). F. Derroncourt, J. Baratgin and E. Métais (2011).

## ***INTERESTS AND ACTIVITIES***

- **Computer Science:** I like programming (especially bots), computer security (websites or software), organizing LAN games with friends, contributing to various projects. I am a technical expert on the French official Gmail forum and a writer/moderator in artificial intelligence at Developpez.com (the largest French-speaking IT community, 200,000 unique visitors/day).
- **Music:** I play guitar and enjoy Djing. See <http://francky.me/music.php>
- **Traveling:** I have visited the United States and China, as well as most European countries.
- **Sport:** I practice body building and volley-ball.

*References Available Upon Request*