

# SAMUEL GIFFARD

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## EDUCATION

- 2011-2012 MSc Computer Science University of Edinburgh – Scotland  
– Computer Systems, Software Engineering and High Performance Computing
- 2009-2011 BSc (Hons) Computer Science Robert Gordon University – Scotland  
– **First-class Bachelor with Honours** in Computing for Internet and Multimedia
- 2008-2009 Licence 3 Informatique Fondamentale Toulouse III (Université Paul Sabatier) – France  
– Equivalent: third year of BSc, Fundamentals in Computer Science
- 2007-2008 **DUT Informatique** IUT "A" – Toulouse III – France  
– Equivalent: HND Computing  
– Two-year University degree in Computer Science, in one intensive year (called "Année Spéciale")
- 2006-2007 CPGE TSI Lycée Jean-Baptiste Dumas – Alès – France  
– Preparation for national competitive entrance exams to leading French "Grandes Écoles", specializing in Mathematics and Physics
- 2006 Baccalauréat, in Electronics Lycée Antoine Bourdelle – Montauban – France  
– Equivalent: A-Levels  
– **Bac STI Génie Électronique mention Bien** (top 10%, ~ with Honours)

## ACHIEVEMENTS

- July 15, 2011 Graduated as **Valedictorian** 2010-2011
- July 1, 2011 Awarded the **Nexen Prize** for the highest academic achievement

## SKILLS

### Languages

- **French:** native language, **English:** fluent, **Spanish:** elementary

### Computer

- **Concepts:** Architecture, Multimedia, Security, Relational Databases, Distributed & Advanced Databases, High-Performance Computing, Object-Oriented, Complexity, Hadoop
- **Software:** Oracle, Eclipse, NetBeans, X-Code, Adobe (Dw, Ps, Sb, Fl)
- **Languages:** C/C++, Objective-C (iOS), JAVA, ARM, Python, OpenGL (Glut), Linux BASH, L<sup>A</sup>T<sub>E</sub>X, MySQL, Oracle PL/SQL, AS 2&3, JS, jQuery, OOP PHP5, HTML5/CSS3, XML (XPath, XQuery, DTD, XSD, XSLT), AJAX

### Leadership

- Elected twice as President of ASSERP, the Student Association in Ponsan-Bellevue (Toulouse – France). I coordinated the management of over ten societies, each with their own president
- Head Judge for the international game *Magic: The Gathering* in Nice – France
- Lead several university group projects to their completion and success

### Communication

- Judge for *MTG*, communication within a team and communication with players. Most of the tournaments have over 120 players and last for over 14 hours
- Worked as part of customer facing teams in Pizzerias, Restaurants, Tea house
- Led training courses for students in school: Technology in Middle School, Montauban – France
- Led campus tours at RGU, Aberdeen – Scotland

## WORK EXPERIENCES

|   |                               |                    |
|---|-------------------------------|--------------------|
| Summer 2011   | Freelance                     | Montauban – France |
| Creation of the website <a href="http://www.qualigraphe.com">www.qualigraphe.com</a> and creation of a light CMS with a few modules: a news engine, email engine, and some customized modules required by the client (website can be populated through MS Excel). The client provided the visual design of the website. |                               |                    |
| Summer 2010, evening  | Team member in Pizzeria       | Montauban – France |
| <i>Carnaval Pizza</i> , 11 rue Léon Cladel, 82000 Montauban   |                               |                    |
| Summer 2010, daytime  | Team member in Tea house      | Montauban – France |
| <i>Ô Thé Divin</i> , 23 Pl Nationale, 82000 Montauban   |                               |                    |
| Summer 2010   | Waiter in Restaurant          | Melun – France     |
| Restaurant <i>La Belle Époque</i> , 14 Bd Chamblain, 77000 Melun  |                               |                    |
| June-August 2009  | Team member in Domino's Pizza | Toulouse – France  |
| <i>Domino's Pizza</i> , 48 Route Narbonne, 31400 Toulouse, France   |                               |                    |
| February-May 2009   | Training School               | Montauban – France |
| Technology in Middle School. Observing, helping students, assisting the teacher and lecturing on my own for the last lecture.   |                               |                    |
| <i>Collège Ingres</i> , 4 Place du Marchal Leclerc B.P. 833, 82008 Montauban Cedex  |                               |                    |
| June-August 2008  | Internship                    | Toulouse – France  |
| Creation of <a href="http://www.amar-abraham.fr">www.amar-abraham.fr</a> , a fashion designer website. Done in PHP/JS/HTML/CSS as part of the university curriculum. Back-end included in the work to do.   |                               |                    |
| October-November 2007   | IT Maintenance                | Toulouse – France  |
| <i>CROUS de Toulouse</i> is a public governmental company. They deal with everything related to studies and students in the Academy of Toulouse. My job there was to set up WIFI installations on two student campuses. I was recommended for the job by the one of the campus directors.                               |                               |                    |

## MISCELLANEOUS

French driving license

**TOEFL iBT** (June 25, 2011): **107/120**

(Reading 23/30, Listening 27/30, Speaking 29/30, Writing 28/30)

## HOBBIES

Software development, Web development, weightlifting (5 years), Tennis (1 year), Go (also named Baduk, Weiqi, Weichi), travelling, baking

## REFEREES

|                      |  |   |
|----------------------|--|---|
| Professor Fan Wenfei | <a href="mailto:wenfei@inf.ed.ac.uk">wenfei@inf.ed.ac.uk</a>     | <a href="http://homepages.inf.ed.ac.uk/wenfei">http://homepages.inf.ed.ac.uk/wenfei</a> |
| Dr. Niccolo Capanni  | <a href="mailto:niccolo@capanni.co.uk">niccolo@capanni.co.uk</a> | <a href="http://www.linkedin.com/in/capanni">http://www.linkedin.com/in/capanni</a>     |