

ANONYMOUS CV

Some parts were removed. These are highlighted by (*Anonymous*)

EDUCATION

- 2011 - 2012 MSc Computer Science University of Edinburgh – Scotland
+ **MSc Computer Science with Distinction** in Computer Systems, Software Engr. and High Perf. 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, **Dutch:** learning

Computer

- + **Concepts:** Architecture, Multimedia, Security, Relational Databases, Distributed & Advanced Databases, High-Performance Computing, Object-Oriented, Complexity, Hadoop
- + **Software:** Oracle, PyCharm, Eclipse, NetBeans, X-Code, PDB, GDB, Valgrind, Adobe (Dw, Ps, Sb, Fl)
- + **Languages:** **Python**, Django, **C/C++**, Linux BASH, MySQL, SQLite, **Oracle PL/SQL**, Objective-C (iOS), JAVA, ARM, OpenGL (Glut), L^AT_EX, JS, jQuery, PHP, 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 group projects to their completion and success

Communication

- + In Amadeus, supervised interns for three months on Django and for six months on Node.js / Aria Template.
- + Judge for *MTG*, communication within a team and communication with players. Most of the tournaments had 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

- April 2017 - Jan. 2018 Software Engineer (Python, Django, MariaDB, Postgres, Docker) Hasselt – Belgium
MVP Developer for **Unleashed** (mobile telco) in a Kanban + Squad environment.
+ Studies, performance tuning, implementation of new features, bugfix and code reviews.
- Since July 2016 Independant Python Contractor Nice Area – France
+ Private financial market project. Various Python & Django missions.
+ Python trainer for **AlterWay**, St Cloud, France.
- Feb. 2016 - June 2016 IT Executive (Java, Python, R-Pi, Linux) Nice Area – France
Lightning Project for **PwC** (IoT & B2B, Raspberry Pi), through SII. Creation of :
+ Generic persistence layer, called in REST and its Json implementation. Java / ServiceMix / Karaf.
+ System Watchdog taking XMPP commands with a module-defined grammar. Python / Shell/ smx / init.d.
+ Several Python scripts (eg. DTMF & Morse Code wrapping SoX).
+ Front-End : HTML, Bootstrap & uikit, Angular 1.5.
- Nov. 2015 - Feb. 2016 IT Engineer (PHP, Java, C++, Linux) Nice Area – France
Classified project for **Airbus D&S**, through Antyas. It involved, among others, SPOT satellites' image processing.
- Oct. 2012 - July 2015 IT Engineer (C++, Python, Sqlite, Oracle) Nice Area – France
Member of the Data Replication team within **Amadeus'** Middleware department. Mainly focused on R&D tasks, I worked on:
+ designing new solutions to improve overall performance (reduce network overload, normalized and denormalized database designs, atomicity on fallbacks).
+ data replication over thousands of nodes. The type of data is static (countries, time zones, holidays from IATA) and extremely dynamic (any application within Amadeus can use our Framework).
+ designing and implementing abstract types across several containers (Oracle/Sqlite/C++) to erase our legacy data type discrepancies over the different parts of the data flow.
+ various scripts to prototype or automatize tasks: storage / retrieval / backup / cleanup after each build...
+ exporting data from our caches into two iterations of XMLs, generating XSLTs and XSDs from meta-XSLTs. This design allowed us to publish XML data into past and present schema versions.
+ designed and implemented modified Hepburn algorithm for Japanese transliteration.
+ decommissioned legacy terminal entries from IBM TPF system into Amadeus' new C++ architecture: OBE.
+ maintenance, support and point of contact for our applications.
- May 2012 - Aug. 2012 MSc Dissertation (Python/Django, JS, HTML5/CSS3, L^AT_EX) Edinburgh – Scotland
Design and implementation of an online concurrent Open Source Framework for multiplayer board games. It had to be a real-time asynchronous server-side event-driven solution.
- Summer 2011 Freelance (PHP, JS, HTML5/CSS3) Montauban – France
Creation of the website www....com (*Anonymous*), and of its custom modular CMS. Visuals provided by the client.
- Oct. 2010 - May 2011 Honours Project (PHP, JS, HTML/CSS) Aberdeen – Scotland
Created a piece of software that provides protection and license management to web developers.
- Feb. - May 2009 Observation placement in Middle School (Technology) Montauban – France
June - Aug. 2008 Internship (PHP, JS, HTML/CSS) Toulouse – France
Oct. - Nov. 2007 IT Maintenance for **CROUS de Toulouse** (public establishment) Toulouse – France

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), climbing, Go (also named Baduk, Weiqi, Weichi), MahJong MCR, boardgames, travelling, baking

REFEREES

Referees are available upon request. When the anonymity is removed, do not forget to ask for them. (*Anonymous*)