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FRANCE

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Web: <http://mathieu.agopian.info>
Born in 1979, Dual nationality (French/English)

Web craftsman

Professional experience (Details of technical and professional referees available on request)

- Since 2009 **Web craftsman**
Ecole des Mines Paristech Alumni: **CV Book** (Django)
Resumes writing for students, proof-reading by professionals, books creation (**PDF**) and mailing to alumni.
[Sud Web](#) (HTML5, CSS3)
Desktop and mobile designs integration using **HTML5** and **CSS3**.
Marseille-Provence 2013: [Projects management](#) (Django)
Sort, filter, track and evaluate projects proposed by cultural teams and associations for the 2013 **European capital of culture**. Funding is then allocated to the approved ones.
- Since 2008 Trustive, Sophia-Antipolis. **Web and development specialist**
Subscribers, partners and resellers billing (Django)
Advanced **billing tool**, taking into account several parameters including commissions, fees, commitments, currencies, special offers, plans, pre-paid or subscriptions or pay as you go...
Android WiFi and 3G [connection manager](#)
Implementing the **WISPr** protocol for WiFi connectivity, and detection of Trustive's 3G networks, with a mobile version of the hotspot locator, and built-in subscription process.
Customer relations management (Django)
Tailored **CRM** developed to track partners and resellers contracts.
E-commerce website (PHP)
Fully **rebrandable** pages for resellers, used by customers to subscribe to a variety of promotions, offers, plans, and options. A **REST API** is also available for partners to create accounts.
[Public website](#) (Django) and "[hotspot locator](#)" (Javascript)
Desktop and mobile complete redesign, ported from a previous version in PHP. The hotspot locator was developed with **speed** and **ergonomic** as main targets.
AAA (Radius and PHP)
Set up, configuration, customization and maintenance of an Authentication, Authorization and Accounting software. Designed and installed the **redundant** and **fail-over** backbone associated.
- 2005-2008 Centile, Sophia-Antipolis. **Support engineer, product support, projects manager**
Trace getter (JSP)
Automatic trace collection, based on Centile's **VoIP Softswitch**. Aimed at operators needing to collect large amounts of traces in different locations, without access to the servers.
Migration tool (Python)
Customers migration python module to switch from a **XML** to a **database** based version.
Knowledge base (Dokuwiki, PHP)
Installed and tailored a Dokuwiki, and redacted most of the technical articles, FAQs, and tutorials.
- 2002-2005 Cybernetix, Marseille. **Research engineer, PhD student (CIFRE)**
Modelled, simulated and validated an automata (IF), implemented a visualization tool (Java)
Solar bombardment simulation in spatial context (VC++)
Piloting software for a huge light bulb concentration engine, with high **security** features.
- 2002-2004 PacaBot, Marseille (**Robotic club founder**)
MicroChip's PIC [online programming lessons](#): PHP **CMS** built from scratch.

Education

2002-2005	Université de Provence, CMI, Marseille (CIFRE). PhD student in computer science
2001-2002	Université de Provence, Marseille. Master's degree in computer science , with honours
1999-2000	University of Central Lancashire, Preston, UK (Erasmus). BSc Computer Studies , with honours
1998-2001	Univerisé Avignon. IUP GMI (Génie Mathématique et Informatique), with honours
1996-1998	Université Joseph Fourier, Valence. Deug 1 MIAS
1995-1996	Lycée Camille Vernet, Valence. Baccalauréat Série S

Languages

French	Native speaker
English	Fluent

Skills

Programming languages:

Expert: Python, PHP

Competent: Javascript, Android

Occasional user: Flex, Java, C, C++, Lisp

Operating systems: Ubuntu user, Debian servers maintainer

Databases: MySQL and NDBCluster, PostgreSQL, SQLite, SQL Server

Web frameworks:

Expert: Django (Python)

Occasional user: Zend (PHP), Pylons (Python), Cake (PHP), Prado (PHP)

Web standards: Daily development using HTML5 and CSS3

Project methodology: pomodoro technique, continuous integration

Revision control: Git, Mercurial, Subversion, CVS

Conferences

Speaker [PyCON.fr 2009](#), [Djangocong 2010](#)

Organizer [Djangocong](#), [Sud Web](#)

Personal interests

Open source contributor: [bitbucket](#), [github](#)

Artificial intelligence teacher for high school students in Marseille

Summer camp counsellor, director, and scout leader for 4 years

Invited to judge international Robotics competition in 2004 and 2005

Robotic club founder in Marseille, competed in the French national robotic contest in 2005

Sports: Badminton, mountain bike

Gardening