

Olivier ANTUNES, 25 years old

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## MSc Software Engineering - Beijing Institute of Technology IT Engineer - ESME Sudria Paris

Available now for work

Topics of interest: Computer Science, Network and Telecommunication, IT Security, Cloud, Big Data, IoT

### Education

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2010 to 2015	<b>Dual Degree</b>
2014 / 2015	<ul style="list-style-type: none"><li>• <b>Beijing Institute of Technology</b> (<i>english.bit.edu.cn</i>): Master of Science Software Engineering</li><li>• <b>ESME Sudria Paris</b> (<i>esme.fr</i>), IT Engineer<ul style="list-style-type: none"><li>◦ <b>Shanghai Jiao Tong University</b> : Computer Science &amp; telecommunications</li></ul></li></ul>
2010 to 2014	
1 <sup>st</sup> Semester 2013	
2008 to 2010	University of Paris 13, Faculty of Medicine
2008	High School Diploma: French « Baccalauréat » Mathematics, Physics with honors

### Projects & Realisations

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<b>Beijing Institute of Technology</b>	<b>IT – Master Thesis “Using Metadata to Group Recommending Online Videos in the Cloud”</b>
2014 / 2015	I improved a new video recommendation system based on metadata coming from costumers devices as the type of the device (smartphone, pad, OTT), the kind of and the connection used (4G or Wi-Fi). I exploited a DB thanks to a Java program, I created a <b>Hadoop</b> and <b>Spark Cluster</b> .
Since April 2014	<b>Computer Science &amp; Network</b>
Personal Projects	<ul style="list-style-type: none"><li>• I created my own personal <b>Multi-Users Server</b>: VPN (PPTP), Remote Desktop Access, Virtual Machines, FTP Server, and local share (Cable &amp; Wireless),</li><li>• I made a <b>Set-top box and VPN</b> (Open VPN) with a <b>RaspberryPi</b> and a <b>Virtual Private Server online</b>.</li><li>• Next Topics of works: Creation of a <b>VoIP Server</b> using Asterisk, and <b>IP over DNS</b> using Iodine.</li></ul>
<b>ESME Sudria Paris</b>	<b>Computer Science: Creation of a CMS</b> (Content Management System) Web-Server with Node JS, GUI with HTML5, Bootstrap and JavaScript, DB with SQLite. Sharing code with GitHub.
1 <sup>st</sup> Semester 2014	
<b>Shanghai Jiao Tong University</b>	<b>Computer Science: Creation of a social Network</b> similar to Twitter using C++
1 <sup>st</sup> Semester 2013	<ul style="list-style-type: none"><li>▪ Users and administrators parts and GUI</li><li>▪ Checking content of the messages and deleting target words</li></ul>

### Work Experience

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2014	<b>Thales Communications &amp; Security</b> , Internship (3 months) Mobile Network Wireless Service / PMR (Private Mobile Radio communications) Tetra-LTE: Evaluation, Configuration and Deploying Windows Embedded 7. <ul style="list-style-type: none"><li>▪ Optimization of Windows Embedded 7: adding security functions as File Based Write Filter and fast reboot.</li><li>▪ Creation of a deploying Server for Windows Embedded 7. Using BootLan with Windows Server 2012.</li></ul>
2010 to 2014	<b>Junior Sudria</b> (Junior-Enterprise of ESME Sudria Paris), Volunteer <b>IT Technical Consultant</b> <ul style="list-style-type: none"><li>▪ IT: Managing website and webmail's, VoIP services, creation of collaborative tools in the cloud using Google Apps.</li><li>▪ IT Consultant: Consulting for JE customers in Networks, VoIP, and cloud solutions.</li></ul>

#### President

- Turnover 25k €,
- Management of 10 coordinators,
- Representing Junior Sudria during National and International Conventions

#### Project Manager

2013 to 2014

#### ESME Sudria, Internship (8 months)

- Marketing Assistant and Statistical Analyst

2011 to 2014

#### IONIS Tutoring, Mathematics Teacher, Part Time

- Mathematics Lessons for secondary school students

2011

#### SATELEC, Business Manager Assistant, Internship (1 month)

- Preparation and assessment of work and building site
- Creation of financial tools with Excel

### Technical Knowledge

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#### Computer Science

Languages

C++, C, Java, LaTeX, HTML5, CSS3, Bootstrap, PHP, SQLite

OS

Windows (XP, Vista, 7, 8, Server 2012, Embedded 7), Linux (Ubuntu, Debian)

#### Network & Telecom

GNS3, BootLan, IP, VoIP, Router, Switch, VPN, Proxy, FTP, Wi-Fi and Ethernet Networks

#### Projects Management

PMBOK, Microsoft Project, AGILE, MVC, ERP, SAP

#### MOOC with certification

January 2015

“Start the software analysis using UML”, 1 ECTS, ESGI (Engineering School)

November 2014

“TCP/IP Networks”, IN'TECH INFO (Engineering School)

June 2014

“Design your website with PHP & MySQL”, OpenClassrooms

March 2014

“Build your website with HTML5 and CSS3”, OpenClassrooms

### Languages

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French

Native Language

English

Fluent, TOEFL: C1, TOEIC: 785

Portuguese

Native Language

Spanish

Fluent

Chinese

Beginner, HSK1 level, one year and half in China

### Interests & Voluntary work

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Hobbies: Travels (Europe, Asia and middle-east), Cinema and literature

Idées Madagascar (*Humanitarian association of ESME Sudria*)

Communication Student Team of ESME Sudria