

Antônio Guilherme Ferreira Viggiano
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SOFTWARE ENGINEER, UNIVERSITY GRADUATE

Education

- 2011 — 2013 **Master of Engineering (Multidisciplinary)**, *École Centrale Marseille*, Double Degree.
Emphasis: Information Technology and Digital Society
Eiffel Scholarship awarded to exchange students by the French Ministry of Foreign and European Affairs
- 2009 — 2014 **Bachelor of Engineering (Mechatronics)**, *Universidade de São Paulo*.
(expected)

Work Experience

- Jun-Jul 2013 **Software Development Intern**, *Asert Tecnologias*, Brazil.
(2 months) Development of an Enterprise Resource Planning system in Java and Flex
- August 2012 **Summer Discovery Intern**, *Gemalto S.A.*, France.
Operated credit card personalization machines and acquired work environment familiarization

Extra-Curricular Activities

- 2012 **Project Manager**, *École Centrale Marseille*.
Lead a group of seven students in the development of a real-time air quality monitoring platform
Built a Java program to establish serial data communication with Xbee radio modules
- 2012 **President**, *International Centrale Marseille*, Students' association.
Responsible for the integration of exchange students and for the international mobility
- 2011 **Undergraduate Scientific Researcher**, *Universidade de São Paulo*.
Researcher in the bioengineering area, responsible for the development of a filter which separates images of ventilation and perfusion in electrical impedance tomography

Computer Skills

Programming Languages	C/C++, Java, Python Prolog, Scala, R	Operational Systems	Linux , Chrome OS, Windows
Database	MS SQL Server, SQLite , MySQL	Web	HTML/CSS, JavaScript, PHP
Software	Emacs, Eclipse , Matlab & Simulinks, Visual Studio	Others	Git, \LaTeX

Language Skills

Portuguese Native	French Fluent (DALF C1)	English Advanced (TOEIC 975/990)
Japanese Basic	Spanish Beginner	

Projects

- Music & Social Extra-curricular development of a Node.js web application to create streaming playlists based on your musics and your friends' who connect to the website
- Data Mining Developed a Django/Python website to search data inside free ebooks from the Project Gutenberg
- AI Developed a Java expert system to suggest travel destinations based on user input data

Interests

Human-computer interaction, Artificial Intelligence, e-learning, Table tennis, Chess