

Antonio Guilherme Ferreira Viggiano

Rua Augusta, 2099, Apt 42. São Paulo, SP, 01413-000 – Brazil

+55 11 95196 4111

agfviggiano@gmail.com

Education

- 2011 — 2013 **General Engineering (Master's degree)**, *École Centrale Marseille*, Double Degree.
Emphasis on Information Technology and Digital Society, GPA 3.89 out of 4.00
- Eiffel Excellence Scholarship awarded by the French Ministry of Foreign and European Affairs
 - Led a group of 7 students in a one-year project to develop a real-time air quality monitoring platform
 - President of the International Centrale Marseille students' association for 1 year, responsible for coordinating a group of more than 20 students in the integration of exchange students and in promoting cultural activities
 - Member of the Programming Club, participated in the resolution of many Project Euler problems
 - Relevant coursework: Complex Analysis, Statistical Physics, Continuum Mechanics, Quantum Physics, Distribution Theory, Electromagnetism, Probability, Statistics
- 2009 — 2014 **Mechatronics Engineering (Bachelor's degree)**, *Escola Politécnica, Universidade de São Paulo*.
Ranked 2nd best student, weighted average 8.2 out of 10 (top 5%)
- Numerical Calculus monitor for 6 months, responsible for extra courses, assignments and supervising exams
 - Member of the students' robotics team for 1 year, ranked second place in two national competitions
 - Relevant coursework: Calculus, Linear Algebra, Partial Differential Equations, Fluid Mechanics, Solid Mechanics, Thermodynamics, Special Relativity
- 2006 — 2008 **High School**, *Colégio WR*, Goiânia, Brazil.
- Mathematics, Physics and Chemistry monitor

Research Experience

- 2014 **Undergraduate Researcher**, *Decision Making Laboratory, Universidade de São Paulo*, Brazil.
- Thesis: Proposal of an algorithm and development of a recommendation system software library for e-commerce products (Research Advisor: Prof. Fábio Cozman)
 - Compared 3 different recommendation algorithms – a user profile method, a hybrid method, and our novel user-item correlation method – according to 8 parameters, establishing guidelines for each case
- 2010 **Undergraduate Researcher**, *Laboratory of Biomedical Engineering, Universidade de São Paulo*, Brazil.
- Developed a filter that separated images of ventilation and perfusion in electrical impedance tomography using the Hilbert-Huang Transform (Research Advisor: Prof. Raul Lima)

Professional Experience

- Sep 2017 **Founder**, *Street Programming Co.*, Brazil.
— *Street Programming is a software development agency focused on custom-made solutions for global clients*
- Present
- Created the business model and marketing strategy of the company, being responsible for the interaction between our customers and developers
- Nov 2014 **Co-founder & Tech Lead**, *BelugaDB*, Brazil.
— *BelugaDB is a big data platform that provides real-time insights through dashboards and machine learning*
- Aug 2017
- Participated in the main areas of the organization, including the data storage, extraction and visualization divisions, as well as in key activities such as hiring, onboarding, mentoring and strategic planning
 - Designed and developed a high-performance columnar database, which was capable of processing terabytes of data in milliseconds, outperforming some of the industry's benchmarks
- Mar 2014 **Software Engineer Intern**, *Revmob Mobile Ad Network*, Brazil.
— *Revmob is one of the leading mobile ad networks when it comes to monetization of iOS & Android*
- Oct 2014
- Led the integration team of 5 people which increased the revenue of publishers by 15% by partnering with demand-side platforms and updating the company's software development kit
 - Led a task force of 3 people in the development of an anti-fraud algorithm which reduced 80% of all invalid requests by applying a set of rules to suspicious traffic, saving thousands of dollars in refunds

Additional Information

- Languages **Portuguese** Native, **English** Fluent (TOEFL 117 out of 120), **French** Fluent (DALF C1), **Spanish** Intermediate, **Japanese** Basic
- Hobbies Guitar playing (member of a rock band, played in many small concerts), traveling (studied in three different cities in France for 2 years and visited over 20 countries in Europe, Africa, America and Asia); e-learning (completed over 10 online courses in a wide range of subjects, from Philosophy to Quantum Mechanics)