

# Fred Eduardo Revoredo Rabelo Ferreira

## Curriculum Vitae

Av. Beira Rio, 290 apt. 1801  
Recife, PE, Brazil. 50750-400  
+55 81 9 9991 6361  
<http://www.fredrabelo.com>  
[fredrabelo@cs.columbia.edu](mailto:fredrabelo@cs.columbia.edu)

## Profile

Computer Engineer (UFPE, Brazil, 2014), holds a Master's degree in Computer Science (Columbia University in the city of New York, 2016). Always passionate to learn new things, aligns theoretical and practical knowledge for the discovery of problems and its solutions. Has experience in consulting, business planning and strategy. Founder of MobDoctor, a Health IT startup incubated at the Technology Institute of Pernambuco in Brazil (ITEP, 2013), has an entrepreneur background, with focus on the business design of innovations. Proactive, fast learner and with excellent team relationship skills, his value lies in between extraordinary technical experience and analytical capacity, and his social skills, vision and comprehension of real world problems.

## Education

- 2014-2016 **Columbia University, School of Engineering and Applied Sciences (SEAS)**, New York, NY, USA  
Master of Science (M. Sc.), Computer Science
- 2011-2012 **The University of Texas School of Biomedical Informatics**, Houston, TX, USA  
Undergraduate Exchange Student, Health Information Science and Management
- 2009-2014 **Federal University of Pernambuco (UFPE)**, Recife, PE, Brasil  
Bachelor of Engineering (B. Eng.), Computer Engineering (5 years degree)

## Professional Experience

- 11/2015–Current **Consultant, Deloitte Touche Tohmatsu**, Recife, PE, Brazil  
*Consulting professional, worked with several clients in Brazil, with focus in Enterprise Risk Services and Technology Strategy & Architecture.*
- 05/2015–08/2015 **Research Intern, FXPal (Fuji Xerox) Palo Alto Laboratory**, Silicon Valley, Palo Alto, CA, USA  
*Research Intern for new multimedia products and human-machine interaction at Fuji Xerox's Laboratory (FXPal), in Silicon Valley, California.*
- 08/2014–10/2015 **Graduate Research Assistant, Columbia University**, New York, NY, USA  
*Research assistant during first year of the Ms/PhD, advised by Prof. Peter K. Allen at the Robotics Laboratory of Columbia University.*
- 01/2013–08/2014 **CEO and Co-Founder, MobDoctor**, Recife, PE, Brazil  
*CEO/Founder, responsible for business planning and management, sales and customer relations for MobDoctor, a Health IT Startup incubated at the Technology Institute of Pernambuco (ITEP). The company focus was in Health IT consultancy and in the development of IT solutions for Health professionals and small clinics. MobDoctor still has clients in Recife and São Paulo.*
- 08/2013–08/2014 **Systems Analyst, Núcleo de Telessaúde (Nutes)**, Recife, PE, Brazil  
*Leader responsible for all mobile software projects under development at the center. Duties included team management, business and IT services planning, resource allocation, quality of software, design and systems architecture, training, technical and corporate level presentations and more.*
- 01/2010–08/2013 **Software Engineer, Núcleo de Telessaúde (Nutes)**, Recife, PE, Brazil  
*Engineer for a governmental Health IT application focused in the delivery of medical second opinions where physicians and nurses in rural areas of Brazil could remotely contact specialists in universities/hospitals in the capital city.*

---

## Academic Experience

- 01/2015–05/2015 **Teaching Assistant, COMS 6998-03 Humanoids Robots, Columbia University, New York, NY, USA**  
*TA for Ivy League Graduate level Computer Science students for one semester. Duties included giving presentations and lectures, preparing projects, grading of students' exams, reports and projects.*
- 08/2011–01/2013 **Chief Teaching Assistant, Hardware Infra-structure, Federal University of Pernambuco, UFPE, Recife, PE, Brazil**  
*Managed the team of assistants of the discipline and its responsibilities/duties for the duration of 2 semesters (1 year) for Computer Science students.*
- 08/2009–07/2010 **Teaching Assistant, Introduction to programming with C/C++, Federal University of Pernambuco, UFPE, Recife, PE, Brazil**  
*Responsible for lectures, presentations, grading of students' reports, exams and projects and more. TA for the duration of 2 semesters (1 year), for Computer Engineering students.*

---

## Languages

<b>Portuguese</b>	Fluent – Native Speaker
<b>English</b>	Fluent
<b>Spanish</b>	Intermediate Level

---

## Certifications

- 2014 **ITIL Foundation**, The ITIL Foundation Certificate in IT Service Management, EXIN, New York, NY, USA
- 2014 **Certified Associate of Business Intelligence**: KPI University, KPI Partners, Newark, CA, USA
- 2013 **English Certification**: TOEFL (Test of English as a Foreign Language)
- 2013 **English Certification**: IELTS (International English Language Testing System, University of Cambridge)
- 2011 **English Certification**: TOEFL (Test of English as a Foreign Language)

---

## Computer Skills

<b>Systems</b>	Windows, Linux, DOS, Android, Embedded Systems, Robotics
<b>Productivity</b>	Excel, Word, Powerpoint, Access, Matlab, R, Google Docs, $\LaTeX$
<b>Languages</b>	C, C++, ASP, PHP, Visual Basic, Java, Javascript, Python, Html5, Phoneygap, BPMN; Git, SVN, ROS;
<b>Others</b>	Advanced knowledge in database systems and SQL, machine learning, business intelligence, usability, human-computer interaction, planning, management and development of software systems.

---

## Leadership and Awards

- 2014 **Science without Borders/Laspau – Academic and Professional Programs for the Americas**  
*Selected grantee for a PhD scholarship (Columbia University) in the United States of America*
- 2011 **Fipse/Capes – Fund for the Improvement of Postsecondary Education (USA), Coordination for the Improvement of Higher Education Personnel (Brazil)**  
*Scholarship funded both by Brazilian and American agencies for specialization at the University of Texas at Houston, USA*

\*Available for international relocation.