

Fernando de Oliveira Lima

Software/Hardware Developer | Electrical Engineer

Contact

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Languages

Fluent English
Fluent Portuguese
Basic Spanish

Code

Node.js, Javascript
Typescript
C/C++
Python
Angular, Ionic, React
C# / .NET, .NET Core
Java, Spring
HTML5, CSS3, SCSS

Tools

Linux & Microsoft
Azure, Google Cloud,
IBM Cloud
Git, Gitlab, Github,
SourceTree
Desenvolvimento de
Android apps
KiCAD, Eagle
Espressif, Arduino,
Sistemas Embarcados
Photoshop, Lightroom

Profile

Experienced in Software and Hardware development, with activities in the areas of Internet of Things, Web dev, Software, Image Processing among others, besides having interest in Machine Learning and Blockchain, Image and Data Processing, Web.

Has personal projects involving Internet tools of Things, embedded and Web Applications, implemented using tools like Node.js and interfaces in Angular, React.

Education

03/2012–10/2018 Bachelor of Science in Electrical Engineering

Universidade do Estado do Rio de Janeiro (UERJ), Rio de Janeiro, Brazil

Graduated in Rio de Janeiro, Brazil.

CR = 7.8/10

08/2015–05/2016 Exchange Program in Bachelor of Electrical Engineering, Marietta, USA

Kennesaw State University - Marietta Campus

Exchange undergraduate student through the period of two semesters in Kennesaw State University.

GPA = 3.9/4.0

Experience

- 10/2018– Radix Engenharia e Software Rio de Janeiro, Brasil
Trainee
Works in Software projects and web systems. Using Node.js, Angular, C ++, C, Java, Python, among others.
- 11/2016–10/2018 Radix Engenharia e Software Rio de Janeiro, Brasil
Intern
Worked in innovation projects and web systems, IoT and Cognitive Computing. Using Node.js, Angular, C ++, C, Java, Python, among others.
- 06/2016–08/2016 University of California, San Diego San Diego, EUA
Research Exchange Program
Worked as visiting scholar at UCSD, in a Image Processing and mobile development project for monitoring the status of surgical incisions.
- 08/2013–08/2015 National Institute of Space Research (INPE) Rio de Janeiro, Brazil
Undergraduate Researcher
Was part of a scientific initiation program as an undergraduate researcher. Worked at PROSAICO (Processing of Signals, Applied Intelligence and Communications Laboratory) at UERJ, with cooperation of the National Institute of Space Research (INPE) in a specific research of spectral filtering of high frequency noises in the Eta atmospheric model data.

08/2012–03/2013 Universidade do Estado do Rio de Janeiro (UERJ) Rio de Janeiro, Brazil
 Laboratory Technician
 Worked as a technician in PROSAICO (Processing of Signals, Applied Intelligence and Communications Laboratory), in maintenance of equipments and computers and developing improvements.

Courses and other activities

01/2014 – Present Founder of UERJBatz Robotics team Universidade do Estado do Rio de Janeiro
 Is one of the founding members of UERJBatz, a robotics competition team that make it's debut in 2014.

03/2012 – Present IEEEExtreme competitor IEEE
 Competes once a year in the programming marathon iEEEXtreme, since 2012.

08/2012 – 12/2012 Course - Control of Mobile Robots Coursera, Georgia Institute of Technology
 Completed the online course about control theory applied to mobile robots.

01/2017 Certificados na Udemy Udemy

- Advanced C++
- C
- C++ Concurrency
- Node.js
- Angular
- Ionic
- React, React-Native
- Full Stack Development, TDD
- Blockchain

07/2017 – Chair of IEEE UERJ Student Branch Universidade do Estado do Rio de Janeiro
 A Student Branch is an IEEE related initiative of Students for projects in the area of Engineering (mainly Electrical and Computing) for professional development and Projects of Innovation and learning.

22/2018 –26/2018 Chief Coordinator of VI Electrical Engineering Week Universidade do Estado do Rio de Janeiro
 A Week of presentations and courses in the areas of Power, Electronics and Software. Happened between 22/10 – 26/10/ 2018.

01/2018 Hackton Stefanini, competidor
 WINNER OF Hackton da Stefanini . Developer.

03/2018 Hackton Rio2C, competidor
 Finalist of Hackton Rio2C. Developer.

04/2018 Hackton Globo, competidor
 Competitor of Hackton Globo . Developer.