

José Carlos de Oliveira Júnior

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Introduction

BS in Computer Science from Federal University of Minas Gerais. Previously Undergraduate Researcher studying Coq proof assistant for formalization and software verification, and subjective logic; Teaching Assistant at Computer Programming class at Federal University of Minas Gerais; and Web and Mobile Developer with React Native, AngularJS, PHP, and Firebase technologies.

Education

Ago. 2015 – Nov. 2020 **BS in Computer Science**, *Federal University of Minas Gerais*, Belo Horizonte.
Final project: Verifying sorting algorithms correctness with the Coq proof assistant.

Mar. 2012 – Jan. 2015 **Computer Technician**, *Federal Institute of Northern Minas Gerais*, Salinas.

Relevant Experiences

Dec. 2017 – Nov. 2020 **Undergraduate Researcher**, *Federal University of Minas Gerais*, Belo Horizonte.
Introduction to Coq proof assistant. Advisor: Mário Sergio Alvim.
Studying logic, functional programming, proof techniques, Coq proof assistant and subjective logic.

Mar. 2019 – Dec. 2019 **Teaching Assistant**, *Federal University of Minas Gerais*, Belo Horizonte.
Computer Programming with Python at Engineering classes.

Sep. 2018 **Contestant**, *ACM ICPC - Brazilian Regionals - First Phase*.
Part of the *UFMG Coq Intensive* team, ranking 130th out of 1156 teams.

Sep. 2017 – Feb. 2018 **Systems Analyst**, *BeeStart*, Belo Horizonte.
Worked on web and mobile apps for new startups with PHP, Firebase and React Native.

Mar. 2016 – Set. 2017 **Web Development Intern**, *Rockett*, Belo Horizonte.
Worked on a tool for creation of websites with AngularJS.

Nov. 2015 – July. 2017 **Member**, *UFMG Informática Júnior*, Belo Horizonte.
As Human Resources Director, worked in the process of selecting new members.
As Developer, worked in Web and WordPress projects.

Mar. 2014 – Jan. 2015 **Researcher as Technician Student**, *Federal Institute of Northern Minas Gerais*, Salinas.
Georeferencing and the internet as tools for dengue mosquito control (*Aedes aegypti*) in Salinas - MG.
Advisors: Filipe Vieira Santos de Abreu and Patrícia de Oliveira Lucas. Created and maintained a website with data about dengue mosquito traps in two neighborhoods in Salinas over a year.

Relevant Skills

Programming	C, C++, Python, Coq, SQL, JavaScript, PHP	
Web and Mobile	React Native, AngularJS, CSS and HTML, Firebase	
Languages	Portuguese: Native	English: Intermediate

Projects

Salon	React Native and Firebase. Marketplace mobile app for beauty salons.
Mecânico Digital	PHP and Firebase. Marketplace web app for repair shops.
Rockett's Site Editor	AngularJS. Added new features, created new templates, and fixed errors.

Links

Page	https://joseoliveirajr.github.io/
GitHub	https://github.com/joseoliveirajr
LinkedIn	https://www.linkedin.com/in/jcarlosoliveirajr/