

Rodrigo Alves de Almeida

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São Paulo, SP - Brazil

Education

Jan 2018 - Present
S. José dos
Campos,
SP - Brazil



Aeronautics Institute of Technology (ITA)

Bachelor of Science in Computer Engineering
Average grade: 9.2/10

Graduating in December 2022

ita.br

Work Experience

Jan 2018 - Jan 2020



ITA Júnior

Computation Department Member

itajunior.com.br

- Created a market research on the trends of technology in Brazil, with the participation of over 4000 professionals and students of the area, with the later data treatment and creation of PowerPoint charts.
- Developed a Wordpress theme from the started theme Underscores for the creation of an e-commerce site.

Jan 2020 - Mar
2020



BTG Pactual

Operations Intern

btgpactual.com

- Developed VBA automations to help analysts' routine tasks.
- Developed a VBA software to format data sent from the traders into valid files to simulate risk in the B3 (brazilian stock market) platform.
- Developed a web platform put into the bank's network that calculates contract prices based on a MSSQL database.

Apr 2020 - Mai
2020



Americas' School

Software Engineer Intern

colegioamericas.com.br

- Developed a web system to centralize the school's management functionalities. The front-end was made with plain HTML, CSS and Javascript, while the back-end was developed using PHP and a MySQL database.

Jul 2020 - Sep 2020



Flamingo College

Data Engineer Intern

faculadeflamingo.com.br

- Worked on the migration of the college's ERP (Enterprise Resource Planning), which required the gathering of all data available and its treatment to fit the new system.

Mar 2021 - Mai 2021



Provar Veterinary Products

Software Engineer Intern

provar.vet.br

- Developed a Python system to register orders, create and emit invoices.

Major Projects

Mar 2020 - Mai
2020

ITApymers

Software Engineer

github.com/PIF/ITApymers

- Developed a Python 2D game based on the classic Street Fighter using the pygame package.

Jun 2020 - Nov
2020

ConversaFiada

Software Engineer

github.com/rodfrigol/conversaFiadaWeb

- Developed a live chat web application for a class. It's built with NodeJS and EJS.

Mar 2021 - Present

EasyVest

Software Engineer

easyvest.herokuapp.com

- Developed a platform built to manage the CASD entrance exams. CASD is a course provided from ITA students to impoverished children. The platform allows these children to apply for the entrance exam, shows them the results and allows admins to manage the process and collect information. It's built using ReactJS, NodeJS and MongoDB.

Technical Skills

Programming Languages C/C++, Python, JavaScript, HTML, CSS, PHP, MATLAB, R, SQL, VBA

Technologies Excel, PowerPoint, WebScraping, MSSQL, MySQL, MongoDB, ReactJS, NodeJS, Linux, Windows

Additional Information

- Languages: Portuguese (native) and English (fluent).
- Two Silver Medals at Brazil Physics Olympiad, 2016 and 2017.
- Gold Medal at Kangaroo Math Competition 2017.