



Felipe Tuyama de Faria Barbosa

Computer Engineer

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Education

INSTITUTO TECNOLÓGICO DE AERONÁUTICA – ITA

Feb 2013 - Dec 2017

Graduation: Computer Engineering

São José dos Campos, SP

Experience

GUICHÊ VIRTUAL - Intern Mobile Developer

Feb 2016 – July 2016

Internship experience at a brazilian startup working with native iOS mobile development (Objective-C and Xcode IDE), web services, design patterns application and revision control system. Agile software development using SCRUM principles.

GUICHÊ VIRTUAL - Intern Backend Developer

Aug 2016 – Nov 2016

2016 Internship job experience as web developer (programming both Frontend and Backend at same time) using Java8 with Groovy, Spring, JPA and Git for version control system.

Extracurricular Activities

Mar 2015 – Jun 2015: **Bizuca**, an Online Shooter Game. The Java Server supports multiplayer game using multithreading and a simple database to register user. The browser client uses HTML5, Javascript and sockets communication. There were also dummy bots in a singleplayer game mode.

Feb 2016 – Jun 2016: **Athena**, an Online Code Judge similar URI and SPOJ, built on Django framework and client using HTML5 and Javascript. He assumed the scrum master role of a team of 10 developers, responsible for developing the server API to the new Android application and performing Dropbox integration for the File System storage. Available at Heroku: <http://athena-t17.herokuapp.com/>

Sep 2016 – Dec 2016: **Crono**, a web calendar application using Nodejs and Angularjs, developed by hobby by a friend and him. Crono integrates Google Calendar and Facebook events, adding extra features using Firebase database and storage, allowing “calendar mode” or “Kanban mode”. Also includes a chat using Redis cache as content storage. Available at Heroku: <http://crono.herokuapp.com/>

Dev Languages

C / C++ (4 years)

★★★★★★★★★

Java (3 years)

★★★★★★★★★

Python (2 years)

★★★★★★★★★

Javascript (2 years)

★★★★★★★★★

Dev Skills

Web Development (HTML, Javascript, CSS, Angularjs, Nodejs)

★★★★★

Mobile Development (iOS, Objective-C, Xcode)

★★★★★

Mobile Development (Android, Java, Android Studio)

★★★★★

Databases and SQL (MSSQL, PostgreSQL, SQL, Datamining)

★★★★★

Languages

Portuguese (Native)

★★★★★★★★★

English (Advanced)

★★★★★★★★★

Spanish (Basic)

★★★★★

German (Basic)

★★★★★

Awards

- Brazilian Physics Olympiad in High School (OBF): Gold Medal 2012, Bronze Medal 2010
- Brazilian Astronomy Olympiad in High School (OBA): Gold Medal 2012, Gold Medal 2011