Rafael Calpena Rodrigues

Front End Engineer, Intern/Co-op

One University Circle, Room 327
Turlock, CA 95382
(209) 427-6397
rafael.calpena@gmail.com

SUMMARY

I'm a Computer Science Major focused on Web Development who likes creating, maintaining, and benchmarking code that has the potential to change the lives of users and developers. Code reusability has a big importance for me, as well as developing experimental features. I am currently participating in the Brazil Scientific Mobility Program (BSMP) and looking forward to make big, positive impact for the web. Javascript is my preferred programming language, and I often open source my creations.

TECHNICAL SKILLS

- Good Programming practices (OOP, modularization, abstractions);
- Familiarity with testing frameworks (Mocha)
- Javascript, HTML, CSS, Java, Python, MongoDB
- Frameworks: React JS, Angular JS, JQuery
- Platforms: Meteor JS
- Experience with Debugging Code.
- Technologically Creative

EXPERIENCE

- Recently created StanPanel.com, a website dedicated for the students to keep track of important information concerning school. Learned how to use Meteor JS and React JS for development, and how to create user systems for the web.

- Created a module manager for Javascript, providing encapsulation and organization for asynchronous loading of code modules.

- GitHub open-source contributor: http://github.com/rafaelcalpena

- Created Animal Guessing Game in Python for Artificial Intelligence class. Used the Bisection Method and Database stored in JSON to create an self-learning algorithm that guesses animals characteristics and improves with time.

- Created a website to play old songs.

- Created a Class-Taking Recommendation Program written in Java as final project for Computer Programming at Universidade Federal do ABC.

EDUCATION

California State University, Stanislaus

Bachelor of Computer Science (Current GPA 3.675)
AUGUST 2015- CURRENT DATE

Federal University of ABC - Santo Andre, Sao Paulo, Brazil

Bachelor of Science and Technology
AUGUST 2013- AUGUST 2017

Colegio Objetivo Senador Flaquer ABC - Santo Andre, Sao Paulo, Brazil

High School Diploma
JANUARY 2010- DECEMBER 2012

Languages

Brazilian Portuguese - Fluent
English - Fluent