



# Jason Anchía

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*Computer Science Bachelor (UCR). Musician. English Literature and  
Classical Guitar Student at the  
University of Costa Rica.*

## Experience

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### Angular Web and Mobile (Nativescript) Developer

— SteelBridge Ventures —

*feb–present, 2018*

Front End Developer at SteelBridge's Tech Laboratories using technologies like **Angular 2+**, Nativescript, **Node**, **Bootstrap** and SASS.

### Full Stack Developer

— University of Costa Rica —

*mar–dic, 2017*

Web developer at UCR's IT Unit (METICS) using **React** + Redux, Moodle, HTML5 and CSS 3 (Bootstrap), and Back-End using postgresql, webpack, **NodeJS** and NPM. Worked with the University's educational platform, as well as internal systems.

### Teaching Assistant, Software Engineering and Introduction to Programming

— University of Costa Rica —

*2015–2017*

TA for the Software Engineering I & SE II courses at UCR (*I and II half of 2016 and II half of 2017*) and for the Introduction to Programming course (*I and II half of 2015*), Teaching Project Management and Agile theory in the first, and basic programming concepts —like functions, iteration, Objects, I/O and Recursivity— in the later.

## Education

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### Computer Science

*2013–present, Bachelor,*  
University of Costa Rica (UCR)

### English Literature

*2015–present, Bachelor*  
University of Costa Rica

### Classical Guitar

*2012*  
University of Costa Rica

## Another Interests

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**Guitar:** Member of the UCR Guitar Orchestra, where I had the opportunity to record a CD with the University Philharmonic.

**Basketball:** Every other weekend.

**Literature:** Academic study of Classical and English literature.

**Singing:** Just recently started taking singing lessons to compliment my guitar playing skills.

## Languages

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**Spanish:** Native

**English:** Business C2

## Computer skills

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**Programming:** C#, C++, C, Java, Python, PHP, CakePHP, QT, SQL, Oracle SQL, Android, JavaScript, React, Nativescript, Angular, Node.js, CSS3 & SASS, HTML5, Bootstrap & Material, Wordpress, Cassandra

**Office:** Microsoft Office, LibreOffice, OpenOffice

**Others:**  $\LaTeX$ , R, Git, JIRA, Rally

I'm passionate about UX, databases and management. I have a high sense of initiative and attention to details, always keeping in mind the final user needs as the priority.

I consider that I have good **communication** and **leadership** skills; I can recognize when a problem is out of my scope and reach out to others without hesitation to get answers and get the work done.

## Some of my College Projects

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### Kalpurnia

*Information Retrieval*,  *Github*

2016

Kalpurnia is a web crawler my partner and I developed for the Information Retrieval course final project. We used **Python** and the Scrapy Framework. It features page language detection, page cache and page **Sentiment Analysis**.

### CAP theorem in Cassandra

*NoSQL Databases*

2017

My team and I decided to prove what part of the C.A.P. Theorem did Cassandra comply. I was chosen as the group **leader** for this project. First, we did an investigation project about Cassandra's architecture, language (CQL) and data model. We then configured a Cassandra cluster with 3 nodes on the university cloud and connected **Kalpurnia** to it as data input. At the end we concluded that, although with our configuration it complied with A and P, you could change settings—such as replication factor or consistency—and comply with two different guarantees of the theorem.

### MIPS Multicore Processor Simulation

*Computer Architecture*,  *Github*

2017

Simulation of a MIPS multiprocessor machine running parallelized instructions. Each core is represented as a C# thread. Features simulated multithreading on each Core with context change, shared memory with directories protocol and data + instruction caches. I was chosen as the group **leader** for this project also, and we were able to obtain extra points by submitting features earlier.

## References

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**M.Sc. Marta Eunice Calderon Campos**

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