



Jason Anchía

Montes de Oca – 11502 – Costa Rica

📞 (+506) 8756 9848 • ✉ jasonantxia@gmail.com • 🌐 jasonanchia.cr
in jasonanchia • 🎧 JasonAnx

Undergraduate Computer Science Student. Musician. English Literature and Classical Guitar Student at the University of Costa Rica.

Another Interests

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

Basketball: On weekends

Literature: Academic study of Classical and English literature

Education

Computer Science

2013–present, Bachelor, GPA: 3.25
University of Costa Rica (UCR)

English Literature

2015–present, Bachelor
University of Costa Rica

Classical Guitar

2012
University of Costa Rica

Experience

Developer

— *University of Costa Rica* —

2017

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

Software Engineering Teaching Assistant

— *University of Costa Rica* —

2016 & 2017

Assistant for the Software Engineering I and II courses at UCR during the I and II half of 2016, and II half of 2017, teaching project management and agile technologies basic theory.

Introduction to Programming Teaching Assistant

— *University of Costa Rica* —

2015

Assistant for the Introduction to Programming course for the I and II half of 2015, teaching basic programming concepts like functions, iteration, Objects, I/O and Recursivity.

*Being immersed in the arts world gave me insight to understand that I can't just sit and maintain, support, or develop 'solutions' to known problems; I like to **create**, to take new problems and puzzles and work my way to their solutions. I want to **innovate**.*

Languages

Spanish: Native

English: Business C2

Computer skills

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

Office: Microsoft Office, LibreOffice, OpenOffice

Others: \LaTeX , R, Git

Being a Computer Science student and a member of the University Orchestra—while having a developer position at an academic unit of my University—taught me how to handle multiple projects and tasks at once, and how to manage my time and make priorities.

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, and 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

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](#)

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+instructions 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

M.Sc. Marta Eunice Calderon Campos

Computer Science School - UCR, Professor

✉ marta.calderon@ecci.ucr.ac.cr

Mag. Luis Gustavo Esquivel Quirós

Computer Science School - UCR, Professor, Databases

✉ gustavo.esquivel@ecci.ucr.ac.cr

Job Céspedes Ortíz

METICS - UCR, DevOps

✉ job.cespedesortiz@ucr.ac.cr

Grace Cascante Prada

METICS - UCR, IT

✉ grace.cascante@ucr.ac.cr