

César Alonso Martínez Sánchez

Cybernetics and Computer Systems Engineer

Personal Profile

I'm interested to be part of projects of great magnitude that aim to change the way people interacts with computers; also enjoy being part of complicated task that requires me to the fullest.

Experience

SW Engineer; Continental Automotive
Gdl. Jal. Mx. Aug '12 - Jul '14



Initially developing software to enhance project management using java as main developing language from August of 2012 to October of 2013; OS and Peripherals, developing modules for the operative system following the architecture defined by **AUTOSAR**; main developing language C.

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Java/Python Engineer; Echostar
Den. CO. USA Dec '14 - Currently



Developing a wide variety of applications/scripts using multiple languages and technologies as Java, Python, Scala, some of which required REST endpoints for which the next frameworks where used:

Web Frameworks		Databases
Python:	Flask, Web.py, Django	Mongo, Couchbase, Couchdb, Mysql
Java:	JavaEE, Play, Spring	
Scala:	Play	
Messaging Systems		
Rabbit MQ, JMS (OpenJMS)		

Community Service

As part of an integral education, I volunteered to be part of projects where my professional experience was required in order to help others to increase their possibilities and access to technologies, digital resources and the vast amount of information that can be accessed through internet.

IT Support Universidad Marista de Guadalajara Guadalajara, summer of 2010

Fixing and giving maintenance to the computing equipment.

Teacher in a junior high school Guadalajara, January of 2011

Teaching the basics of programming to kids.

Technician and teacher Chihuahua, January of 2012

Fixing and giving maintenance to the computing equipment on different communities with low resources, and teaching to the locals how to give maintenance and support to such equipment.

Education

High school - CONALEP Guadalajara II 2006-2009 Professional Computer Technician

Achievements

My team won a contest of java programming; this contest consist on developing an information system that was able to connect to a data base, in the first stage of this contest just participated students from CONALEP the second stage take place at ITESO, but because of major force causes we were not able to attend.

College - Universidad Marista de Guadalajara (UMG) 2009 - 2014 Engineer in Cybernetics and Computational Systems

Achievements

We (My team and I) developed a solar tracker just with operational amplifiers, that was capable of tracking the sun with two axis of freedom. Also participated in many programming contest and UNIVERSITRONICA.

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Key Skills

- Office equipment handling
- Office Software familiarity
- Basic knowledge of web pages design and multimedia.
- Teamwork
- Organized
- Responsible
- Computing equipment maintenance
- Electronics Knowledge

Main Programming/Software Languages

- Java
- C/C++
- Python
- SQL
- HTML (and related)
- CSS
- Assembler <8086>
- Scala

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Languages

- Spanish - Native
- English - Business/ Professional

Interest and Hobbies

- Reading
- Programming open source software or for personal use
- Astronomy
- Video games
- Theater, Cinema and Music
- Robotics
- Electronics

Personal References

Name	Contact	Position	Company
Jorge Curiel	jorge.curiel@continental-corporation.com M: +52 1 333 570 9856	Design Mechanical Engineer	Continental Automotive
Nicholas Newel	Nicholas.Newell@echostar.com	Software Manager Engineer	Echostar
Jesus Flores	israel.flores@soloautos.com.mx M: +52 1 331 023 7944	Senior Web Developer	Solo Autos