

Oscar Camacho Urriolagoitia

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EDUCATION

Instituto Politécnico Nacional – Escuela Superior de Cómputo

Ingeniería en Sistemas Computacionales

December 2016

GPA 7.9/10

WORK EXPERIENCE

12/14- 04/15

SERTI

Software Developer, México City

- Android application development, graphic interfaces.
- iOS application development, graphic interfaces and logic.
- Analysis of a multiplatform project to save all your passwords with one single password thought for companies, for employer levels, department and privileges.

MAJOR SCHOOL PROJECTS

Summer 2015

Digital Ammeter: one person project made in two parts, one with a circuit to compare the amperage with a resistor amperage and the other part work with a microcontroller programmed in assembler language connected to a computer to get and display the amperage.

Summer 2015

Vowel Voice Recognizer: Analyzing frequency to recognize each vowel made in Matlab.

Winter 2014

Lexical and Syntactic Parser for C language: Using Flex and Bison to analyze most of the lexical and syntactic rules for C language.

Winter 2014

Generic E-commerce: Analysis, design and development of a web customizable e-commerce, making it easier to change graphic aspects like background, logo, names, etc. Team of 10, I served as project manager, PHP developer and database designer. Working with the analysis, design and development in general and specifically worked with: Requirement documentation, the client part of the e-commerce developed in PHP, and designing the database thought to be implemented in MySQL.

Summer 2014

Basic Finance Control Software for Business: Individual project developed in Java, interface with Swing, asks you for specific data and displays back the monthly and yearly accounts of your business in a financial way and evaluates your business according to the data. No database used.

Summer 2014

Web School Administration System: Individual project developed in Java using MySQL and Tomcat, managing 4 different roles: system personnel, administrators, teachers and students, detecting roll after login and giving specific menu for each roll, personal profile, images and documents cloud storage per user, in addition to a complete School Administration System (open courses, classes, groups, assign classrooms and teachers, enroll students and send messages between users).

TECHNICAL SKILLS

Programming Languages:

Java	4 years
C/C++	2 years
Objective C	6 months
Android	6 months

Web Development:

HTML/CSS	6 years
SQL, XML	3 years
PHP	2 years
JavaScript	1 year
Bootstrap	6 months

Platforms:	Win XP/7/8/10 (user), Linux (user), OS X (user).
RDBMS:	MySQL (3 years).

Applications: AutoCAD (basic), NeatBeans (intermediate), Tomcat (intermediate), Xcode (basic), Adobe Ps Ai Ae (upper intermediate).

LEADERSHIP

Creation of a Stamping Shirts Business, hired 10 employees, earning fifteen times the initial investment in three months, Spring 2010.

CAMACHO TOURS

Working for Camacho Tours a tourism business of my family, in charge of events up to 600 attendants, leading teams for about 15 persons, seasonally 2007 - 2013.

PERSONAL PROJECTS

Autumn 2015 *My personal Web Site*, I gave myself the opportunity to learn Bootstrap a front-end framework, developing my personal web site, a basic web site about me but completely intended mobile first with Bootstrap tools.

Autumn 2014 CAMACHO TOURS
Buses Roll System: My family tourism business that has 10 buses for 49 people and two vans for 21 people, the system manages office personnel and drivers, remembers clients and saves every single trip and quotation, helps handle expenses like diesel, cleaning/washing or spare parts, calculates the profit for each trip, salaries for drivers and uses the stored data to make next moth expenses budget. Made in Java started in Swing and then improved to Web using Tomcat, database made in MySQL, project pending for implementation.

OTHER COURSES

July /2015	IELTS GPA 5.5/9.0	Certification, British Council.
June/2015	TOEFL ITP GPA 530/677	Certification, ETS.
09/14 – 11/14	Java SE 7 Programmer Certification	Course, Develop.
04/14 – 06/14	iOS Application Develop	Executive Program, KMMX.
01/14 – 05/14	AutoCAD	Course, Edumac.
04/13 – 06/13	Maya 3D	Course, Edumac.
02/13 – 04/13	Video Post- Production	Executive Program, Edumac.
10/12 – 12/12	Digital Photography	Executive Program, Edumac.
09/11 – 12/11	Web Design	Executive Program, Edumac.
07/11 – 09/11	Graphic Design	Executive Program, Edumac.
2007 – 2010	Digital Systems	Technician, IPN Vocacional número 9

AWARDS

Participation in Microsoft College Coding Competition, Autumn 2015.