

Nelson Ochoa

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PROFESSIONAL PROFILE

Professional focused on finding solutions to interdisciplinary problems of diverse types of complexity, related to information management inside an organization, supported on IT tools. Motivated to start my professional career using my skills and knowledge to fulfil the business needs, contribute in the generation of value to the organization and gain experience in a business environment.

TECHNICAL QUALIFICATIONS

Programming:

Java, PHP, VB, SQL, C++, Python,
XML, HTML, CSS, JavaScript.

Operating Systems:

OS X, Windows, Linux (Ubuntu)

Desktop Skills:

Word, Excel, Power Point.

Other:

Net Beans, Eclipse, Android SDK, Dreamweaver,
MySQL, GIT, Django.js, JavaFx.

EDUCATION

BSc in Systems Engineering

2009 - 2014

Metropolitana University (UNIMET), Caracas, Venezuela

- Honourable mention award in thesis project: *"Automated Prototype Security System for Vehicles controlled by an Android Smartphones"*

IT Business Analyst Certificate of Achievement

Ongoing

Southern Alberta Institute of Technology

EXPERIENCE AND KEY PROJECTS

Experience:

CoderDojo Volunteer (Calgary Public Library):

3 months

Helping kids between ages 9-17 develop coding skills.

Projects:

Android App: Automated Prototype Security System for Vehicles:

Designed and developed an automated prototype security system for vehicles with an alert system, GPS, vehicle's power cutting mechanism and Android application to control the system.

Results: Finished in 2 months | Honourable Mention Award

Web Applications:

Used PHP to make an API for my thesis project. Furthermore I have experience using Django web framework with Python along with CSS and HTML to develop web application such as an Image Rehoster.

Java Applications:

Designed and develop a mobile Java Application for thesis project which included friend management, communication with a API to get GPS location and a mechanism to cut the power of a vehicle with the systems hardware installed.

Other:

- VB to develop Excel Macros.
 - Java Console Applications for academic courses.
 - Database Design for the DB driven applications
 - Programmed Arduino UNO R3 Microcontroller hardware in C++
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