

Ignacio Ocampo
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Interest areas: Engineering, Physics, Biology, Space, Robotic.

Education

August 2008 – present Instituto Tecnológico y de Estudios Superiores de Monterrey. Cuernavaca, Morelos.
Computer Technology Engineering
Third year of degree.

August 2006 – July 2008 Instituto Tecnológico de Zacatepec. Zacatepec, Morelos.
Computer systems technology
First and second year of degree.

Work Experience

May 2010 – Present Talent & Performance (Human Resource Consulting)
Technical consultant. Software design and development
<http://www.talentoydesempeno.com>

2009. Basic Education Institute of Morelos State
Morelos scholar systems consultant development
<http://tramitanet.sciebem.com.mx/sce/index.php>

2008 – Present. Mediagency (Media Agency)
Interactive Developer
Some projects:
La vida Easy (<http://www.lavidaeasy.com>) Mabe group.
Ecosport 2011 (<http://www.ecosport2011.com.mx>)
Mustang 2011 (<http://www.mustang2011.com.mx>)
Mustang 2010 (<http://www.mustang2010.com.mx>)
Obtentu.com and Obtenetu.com from Verisign
<http://www.mediagency.com.mx/>

2008 – ATC Industries
Network administration. Wi-Fi antennas installation and routers configuration.
Designed printed circuits to airships control by radio
<http://www.dirigibles.com.mx/>

2007 – 2009. Nacional Research Institute of Forestry, Agriculture and Livestock
Designing and Programming Systems:
Sifert (Morelos Fertilization System)
Proyctómetro (Project Management System)
Politi K (System to evaluate ex-ante economic policies)
I've been a consultant in electronics and developing projects
<http://www.inifap.gob.mx>

2006. Minerale San Antonio

Development of Billing System (SAN1)

Activities and honors

- 1st. Place in Computing Advanced category in the project "Accigame GUI" (desktop application and blackberry platform to do stock exchange operations).
- I took part in a research stay at ITESM (Campus Cuernavaca) in order to develop a robot for agricultural applications in greenhouses (http://www.cva.itesm.mx/crs/PROFIL_VeranosInvestigaci%C3%B3n.html)
- **IEEE-ITZ Student's President** at the Instituto Tecnológico de Zacatepec (2007-2008)
- **CIMID 2008**. Instituto Tecnológico de Zacatepec. International Multidisciplinary Congress of Research and Teaching.
- **CIINDET 2007**. Cuernavaca. International Congress on innovation and technological development.

Skills

- CISCO CCNA1 and CCNA2 Certification.
- Programming Languages (C, C# .Net, Visual Basic, Asp, Php, Html, Sql, Java, Java Script, Action Script 2.0 y 3.0 to Flash, Ajax)
- Advanced Linux Programming / C (shared memory, semaphores, process, message queue, threads, sockets)
- Webservices based on .NET and Php
- Database Administration, Design and Maintenance
- Networks (Windows and Linux servers administration, Routers configuration)
- Mathematical Logic
- Mobile Application Design (Blackberry, Windows Mobile, Java ME)
- Player & Stage (<http://playerstage.sourceforge.net/>) developing and testing navigation algorithms for robots in virtual environment.
- Electronics (RF zigbee transceivers, infrared sensors, sonars, flame sensor, i2c protocol, microcontroller programming in C)

References

Provided upon request.