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Noe Misael Nieto Arroyo

I have a M.Eng from UABC Mexicali where I worked with simulation sofware for solar cells, and a B.Eng in Electronics from ITP, Puebla. I have experience working as SysAdmin (Linux, Windows), backend & frontend developer, DBA. I've been working almost exclusively with FLOSS software such as Linux (15+ years), Python (+10 years), JavaScript, PHP, PostgreSQL, MySql and SQLite, among others, but I also know my way around the Windows/SQL Server/ASP.net stack.

Instructor and Speaker

Every now and then I participate in events mainly related to Free/Open Source Software, either as a speaker, trainer or attendee.

- **Taller intensivo de Python** - November 4, 2017. 5 hours in Mexicali Baja California.

- **X Jornada Académica, Social y Deportiva 2012** - *Nov. 12th-16th, Instituto Tecnológico de Oaxaca, Mexico*; 20 hour python course for students of Software Engineering.

- **Seminario de Aplicaciones de las Tecnologías de la Información y Comunicaciones** - *Sept. 3rd-7th, Instituto Tecnológico de Puebla, Mexico*

  - Speaker. One 45 minute talk about basic multimedia applications with GStreamer.

  - Trainner. Five-hour Python course for newcomers. Attendants included students and teachers of the IT Academia of the ITP.

- **FLISOL 2011** - Introduction to the GStreamer multiedia Framework; April 9th, Puebla, Puebla;

Education

- **June 2018** (expected); Master's degree in Engineering, UABC Mexicali. *Estudio experimental y vía simulación de los materiales para celdas solares de tercera generación.*

- **September 2006**; Arizona State University; *Data Acquisition training seminar* by JACMET group.

- **September 2012**; Electronics Engineering, Instituto Tecnológico de Puebla. *Sistema de Vigilancia con Video sobre TCP/IP*

- **June 2000**; Computer Programmer technician diploma, Universidad Popular Autónoma del Estado de Puebla.

Certifications

- SCRUM Master Accredited by International SCRUM Institute (May 2015).

Work Experience

- **Social Reality** - *Sysadmin, DBA, Backend*; Mexicali (2015 ~ 2016).

- **Valutech Outsourcing S.A. de C.V.** - *Sysadmin/DBA*; Mexicali (2013 ~ 2015).

- **iServices de México** - *Web/Python developer*; Puebla (2009 ~ 2011).

- **Honeywell Aerospace de Mexico** - *Data Acquisition Engineer*; Mexicali (2006 ~ 2008)

- **Gameloft S de RL** - *Multiplayer programmer*; Mexicali (2006)

- **Centro de ingenieria – Instituto Nacional de Astrofísica Óptica y Electrónica** - *Internship. Embedded systems*; Puebla (2005)

- **FreeLance & IT Consultant** Puebla, Mexico City, Oaxaca, Argentina (2000 ~ Now). Holokinesis Libros, Homeviva (Defunct), Venddo, Universidad Pedagógica Nacional, WAM - Ready2Fill.

Open source contributions

On 2018 I participated in Google Summer of Code enablig DevSim to do basic simulation of solar cells.

On 2007 I self-published a Gtk+3 programming manual in spanish, altough Gtk has gone trough a lot of chages, some parts are still relevant, so an updated version is on process.

Besides that, I'm an occasional FLOSS contributor on various projects and libraries.

Links

- Homepage
- Linked-In
- GitHub
- Email
- Twitter