Andrés Ricardo Garza Vela

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Education

Bachelor in Computer Science and Technology Engineering

(Class of December 2021)

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)

GPA: 97/100

Job Interests

Programming Languages, Compilers, Dev Tools, OS, AI, HCI, Web Dev, Dev-Ops, System Administration

Personal Interests

Literature, Music, Videogames, Teaching

Work Experience

Sysadmin Intern at NIC Mexico *(December 2017 - June 2018)*

Set up a LEMP stack with Passbolt for the R&D dev team.

Set up Postfix and BIND servers.

Automated the management of Dovecot IMAP virtual users as well as Nginx and Docker installations with bash.

WIT (Women in Tech) Tutor *(August 2018 - December 2018 / August 2020 - June 2020)*

Taught girls in fifth and sixth grade HTML, CSS, Javascript and Scratch.

Farside Labs Intern *(March 2021 -)*

Currently implementing Kotlin API integrations in consulting work for Osano.

Projects

Lonnrot (2021) / https://github.com/argvniyx/lonnrot

A Scheme (subset) to x86 compiler written in Racket for a Compilers course.

IMPLANG (2021) / https://github.com/argvniyx/implang_itesm

A Dash (Python) powered webpage for a Data Visualization course. Contains information on a local city's curbs and demographics: obstacles for people with disabilities, etc.

Telos (2019) / https://github.com/argvniyx/telos

A simple week-based Pomodoro Timer and Logger. It uses jQuery for the front-end and Node.js (express, mongoose, morgan) for the back-end.

ReferenciApp (2019) /
https://github.com/genaro56/ReferenciApp

A small Kotlin Android App used to teach students how to use APA with gamification.

LOSP (2018) / https://github.com/argvniyx/losp

A priority-based scheduler and LRU paging simulator in Racket written for an Operating Systems course.

Skills

Programming Languages

Lisp** ■■■■□	C++ ■■■□□	Javascript ■■■□□
C ■■■□□	Haskell ■■□□□	Erlang ■□□□□
Python ■■■□□	Kotlin ■■□□□	

*** Scheme/Racket, but I do know some CL and Clojure.*

Platforms, Frameworks and other tools

Linux (Debian) ■■■■□	React.js ■■■□□	Node.js ■■□□□
Git ■■■□□	Harp ■□□□□	Android ■□□□□
MySQL ■■□□□	MongoDB ■■□□□	Docker ■□□□□

Markup, Misc

HTML	Markdown	Jade
CSS	Org	LaTeX