



ANDRÉS IMLAUER

imlauera.github.io

About Me

- Computer Science student.
- Experienced GNU/Linux user.

I've worked with several programming languages, I can build scalable software, solve logic and technical problems, make important decisions. I love to see progress being made.

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🐙 <https://github.com/imlauera>

Experience

PROJECTS FROM COLLEGE

- Implemented a distributed server to play TicTacToe on **Erlang** (🐙).
- Developed a graph plotter as a final course project on Python, **Gnuplot**. This was implemented with the Fruchterman-Reingold algorithm (📄) (🐙).
- Concurrency and parallelism with OpenMP y POSIX Threads in C.

PERSONAL PROJECTS

- Implemented an ImageBoard using **Jquery**, **BootstrapV4** and **Flask** (🐙).
- Desarrollo de una app móvil de memes y humor. Uso de React Native (Expo) para front-end móvil y Node.js/Express/S for backend. Más de 10,000 descargas.
- Desarrollo de interfaz web de una plataforma SaaS de gestión de equipos utilizando Vue.js y Node.js/Express en el backend.
- Implemented a web page to improve typing speed. This is coded on PHP, **MySQL** and **JQuery** (🐙).
- Working with MercadoLibre API (📄) I developed a lightweight web client to search for products on ReactJS (🐙).
- Designed a web page to upload song lyrics. I wrote the web client on ReactJS and the Restful API was implemented on **Flask** with **Flask-SQLAlchemy** and **SQLite** (🐙).
- Wrote a Restful API that worked to rent places. I created this using Flask, **JWT** and JQuery, (🐙).
- Built a simple web application to show CODVID19 stats on **ReactJS**, getting the data from a external API (🐙).
- Created an app to get chuck jokes from JSON API (📄) on **ReactNative**.
- Transcribed algebra and calculus books into \LaTeX and **LyX**. (🐙).
- Developed a NeoBux's bot whose functionality was to click on ads automatically. Only for fun.
- Over the years as a GNU/Linux user I wrote several python and bash scripts.

Knowledge Areas

- **Front-End.** ReactJS, JavaScript, HTML5/CSS3 .
- **Back-end.** Python, PHP, C, Flask, C#, ASP.NET
- **Graphical user interfaces.** Qt.
- **Version-control system.** Git, SVN.
- **Documentation.** \LaTeX , LyX, BibTeX, Pandoc, Markdown, RMarkdown.
- **Video editing.** Ffmpeg.
- **Security.** Buffer OverFlow, XSS, CSFR, SQLi, LFI, RFI, IDOR, SSFR.

Languages

Spanish (native).

English (conversational).

Education

Computer Science degree,
Universidad Nacional de Rosario.