

ANDRÉS IMLAUER

aimlauer.github.io

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<https://aimlauer.github.io/resume.pdf>

(Last edited: July 13, 2020)

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/aimlauer>

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** (🐱).
- 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.
- Built many simple websites with JavaScript, JQuery, HTML5 and CSS.

Knowledge Areas

- **Front-End.** ReactJS, JavaScript, HTML5/CSS3 .
- **Back-end.** Python, PHP, C, Flask.
- **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.