

Patricio Lopez Juri

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ABOUT ME Software Engineering student and full-stack developer passionate in producing real solutions using the best tools available. Interested in *state of the art* technology. Focused in high quality code and top-tier development/deployment procedures. Always up to date in news related to computer science, software engineering and information technologies. Enthusiastic in sharing and teaching the acquired knowledge.

EDUCATION *Software Engineering,* Match 2012 - Current
Pontifical Catholic University of Chile

TECHNOLOGY SKILLS *Programming Languages:* Python, C#, Go, Java, Javascript, Typescript, Ruby, Objective-C, C.
Development: Git, Code quality, Code review, Documentation, Unit testing.
Database: Postgres, SQLite, MongoDB, Neo4J, Redis, Realm.io.
Backend: Node.js, Express.js, Gin, Ruby on Rails, Sinatra, Flask.
Frontend: Angular.js, React.js, Polymer, jQuery, HTML, CSS.
Mobile: iOS, Android, Windows Phone, React-Native.
Desktop: .NET, Cross-platform, CLI.
Deployment: Ubuntu server, Microservices, Container-Based architecture, IaaS, PaaS, SaaS, Continuous integration, Server monitoring.
Other: Docker, nginx, Library and module development (npm, pypi, gems, coapods).

EXPERIENCE *Advanced Programming Book participation* September 2015 - Current
CONICYT founded project

- Worked in chapters about Networking and Web Services in Python (spanish and english versions)
- Participated in the structuring of the project using git repositories.

Teaching Assistant March 2015 - December 2015
Web Technologies And Applications

- Ruby on Rails as the main framework.
- Designed course architecture on top of Github.
- Project reviewer and guide.

Head Teaching Assistant March 2015 - December 2015
Advanced Programming

- Course refactoring from C# and SVN to Python and Git to fit current development tools and standards.
- Setup of all Git repositories and their maintenance.
- Designed course architecture on top of Github.
- Development of administrative tools to automate repository administration.
- Code reviewer and developer of course material and activities in Python.

Alma Mater UC

January 2014 - July 2014

Mobile App Developer - Personal project

- Develop of the UC's unofficial mobile app for iOS and Android.
- Research and implementation of how to integrate the university services.
- Mapping of the majority of classrooms.
- More than 15.000 downloads.

Teaching Assistant

August 2013 - December 2014

Advanced Programming

- Development of material and activities in C#.