

Patricio López Juri

patricio@lopezjuri.com <https://lopezjuri.com>

Software Engineering student and full-stack developer passionate in producing real solutions using the best tools available. Interested in extit{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.

Github [mrpatiwi](#) **Twitter** [mrpatiwi](#) **Linkedin** [lopezjuri](#) **Medium** [patriciolopezjuri](#)

SKILLS

CODING	Python, Javascript, C#, Ruby, Java, Go, Swift, Objective-C, C
DATABASES	Postgres, MongoDB, Redis, Realm.io
BACKEND DEVELOPMENT	Node.js, Express.js, Gin, Ruby on Rails, Sinatra, Python Flask
FRONTEND DEVELOPMENT	React.js, Angular2, HTML, CSS
MOBILE DEVELOPMENT	iOS, Android, Windows Phone, React-Native, Ionic2
OTHER	Docker, Library development (npm, pypi, gems, cocoapods)

EXPERIENCE

Advanced Design of Web Applications (IIC3585)

Head Teaching Assistant Aug 2016 - Dec 2016

Teaching the state-of-art of the web development.

- Designed course architecture on top of Github.
- Teaching Node.js, React.js, Angular2 and more.
- Review student's homework.

Detailed Software Design (IIC2113)

Teaching Assistant Aug 2016 - Dec 2016

Teaching the software design patterns, good practices, metrics, refactoring and testing.

- Designed course architecture on top of Github.
- Participation in the refactoring of the course.
- Design and evaluate homework and exams.

Architecture Of Software Systems (IIC2173)

Head Teaching Assistant Aug 2016 - Dec 2016

Course focused in big-scale software and architectural design.

- Teaching software deployment with tools like Docker.
- Review student's project progress.

Web Technologies And Applications (IIC2513)

Teaching Assistant Mar 2015 - Dec 2015

This course teaches web development with Ruby on Rails as it's main framework.

- Designed course architecture on top of Github.
- Project reviewer and guide.

Advanced Programming (IIC2233)

Head Teaching Assistant Mar 2015 - Dec 2015

This is the main introductory course to Software Engineering, TI or Computer Sciene degree at the Pontifical Catholic University of Chile. The main programing language is Python.

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

Advanced Programming (IIC2233)

Teaching Assistant Aug 2013 - Dec 2014

This is the main introductory course to Software Engineering, TI or Computer Sciene degree at the Pontifical Catholic University of Chile.
The main programing language was C#.

Alma Máter UC

Personal project Jan 2014 - Jul 2014

UC's unofficial mobile app for iOS and Android.

- Research and implementation on how to integrate the university services.
- Mapping of the majority of classrooms.
- More than 15.000 downloads.

EDUCATION

Pontifical Catholic University of Chile

Mar 2012 - Present
Bachelor - Software Engineering GPA: 5.09 / 7.0

AWARDS

Social app winner
chilehack.cl

Development of a Windows Phone app. Measure your party's loudness.

Startup Weekend Santiago, 2º place
santiago.startupweekend.org

Development of a iOS app. Contract reminder app for bussiness.

LANGUAGES

Spanish
Native speaker

English
Fluent