

Patricio López Juri

SOFTWARE ENGINEER · FULL-STACK DEVELOPER · PRODUCT MANAGER · IT CONSULTANT

Av. Portugal, Santiago, Chile

☎ (+56) 9 9051 1003

✉ patricio@lopezjuri.com

🏠 lopezjuri.com

👤 mrpatiwi

📺 lopezjuri

🐦 mrpatiwi

“A man whose fear is greater than his desire, or a man who has no great, all-consuming passion, or one who has patience and does not oppose, cannot be a main character.”

Education

Pontifical Catholic University of Chile

M.ENG IN COMPUTER SOFTWARE ENGINEERING

- Professor: Jaime Navón, PhD.

[Santiago, Chile](#)

Mar. 2017 - PRESENT

Pontifical Catholic University of Chile

CIVIL INDUSTRIAL ENGINEER, COMPUTER SOFTWARE ENGINEERING

- Software Design, Architecture and Engineering.
- Linear Algebra, Optimization and Machine Learning.
- IT Management.
- Accountability and Finances.

[Santiago, Chile](#)

Mar. 2012 - PRESENT

Experience

Pontifical Catholic University of Chile - Postgraduate School

ADJUNCT INSTRUCTOR PROFESSOR

- Imparting course: Technologies and Applications of the World Wide Web.
- Designed from scratch a course with hands-on methodology.
- Lessons about HTTP, “Software as a Service” and basics of web design.
- Recorded programming videos about Ruby on Rails, HTML and CSS.

[Santiago, Chile](#)

Aug. 2017 - Dec. 2017

ImpulsoDocente (Foundation)

FREELANCE SOFTWARE ENGINEER

- Design and implementation a mobile to help teachers improve their methodology through videos and feedback. Built with React-Native and Redux.
- Addressed UI/UX concepts and taught product-management methods (Kanban) to clients.

[Santiago, Chile](#)

Jun. 2017 - Exp. Nov. 2017

FEUC (Federación de Estudiantes de la Universidad Católica de Chile)

FREELANCE SOFTWARE ENGINEER

- Lead the requirement gathering, design and implementation of a mobile app built with React-Native and Redux with a Express.js, Keystone.js and MongoDB backend.

[Santiago, Chile](#)

Jan. 2017 - Aug. 2017

Pontifical Catholic University of Chile

TEACHING ASSISTANT

- Mentor for the Major Field Capstone Project guides a team of to 10 last-year computer science students during the full development cycle of a software project: 2 semesters.
- Software System Architecture: 1 semester.
- Detailed Software Design: 1 semester.
- Advanced Design of Web Applications: 1 semester.
- Software Engineering: 1 semester.
- Web Technologies and Applications: 2 semesters.
- Advanced Programming: 5 semesters.

[Santiago, Chile](#)

Aug. 2013 - PRESENT

Booz cl

FREELANCE SOFTWARE ENGINEER

- Implement shopping cart and a search feature with Node.js, MongoDB and jQuery. (Not deployed yet).
- Code refactoring caused several improvements such as increased overall speed and reduced client-side files size.

[Santiago, Chile](#)

Mar. 2017 - May. 2017

egghead.io

EGGHEAD INSTRUCTOR

[Remote](#)

Mar. 2017 - PRESENT

- Prepare, record and edit an online video course about developing modern JSON WEB APIs with Koa and the latest JavaScript semantics. (Work in progress).

Mediastream SpA

SOFTWARE ENGINEER

[Santiago, Chile](#)

Dec. 2016 - Feb 2017

- Research Functions as a Service (FaaS) and evaluate the project of splitting the main monolithic service from Express.js and MongoDB to AWS Lambda and DynamoDB.
- Lead developer at the design and implementation a full-stack application with Koa, Amazon RDS, React, React-Native and Redux with shared code-base and i18n support.
- Prepare and evaluate technical interviews for senior candidates.
- Improve developers experience by setting a developer-friendly and debuggable environment.

Núcleo Milenio Centro de Investigación de la Web Semántica – CIWS

FREELANCE SOFTWARE ENGINEER

[Santiago, Chile](#)

Oct. 2016 - PRESENT

- Lead developer in charge of updating the official website to a new CMS in Node.js and MongoDB from Python and MySQL.

Extracurricular Activity

Open Source UC

CORE MEMBER

[Santiago, Chile](#)

Jan. 2017 - PRESENT

- Lead developer of a non-profit community for developing apps to our university peers.

Alma Mater UC

MEMBER

[Santiago, Chile](#)

Jan. 2014 - Jan. 2016

- Design and development of a mobile app for iOS and Android (Objc & Java). It has success and over 30.000 downloads. It was a free mobile app for the Pontifical Catholic University of Chile (unofficial)

Honors & Awards

2017 **1st Place**, Facebook Chile Regional Hackathon 2017

[Santiago, Chile](#)

2017 **Honor**, Outstanding Student

[Santiago, Chile](#)

2014 **2nd Place**, Start-up Weekend Chile

[Santiago, Chile](#)

2014 **Best Social App**, ChileHack

[Santiago, Chile](#)

Writing

Anatomicis Network: A Cloud-based Educational Software Platform to Enhance Anatomy Teaching in Medical Education

[Journal ISI](#)

RESEARCH AND DEVELOPMENT

Jan. 2016 - Jul. 2016

- Product manager and lead developer of a group of 10 last-year computer science student.
- Requirement gathering, design and implementation of a cloud-based teaching and learning platform with live editing, quizzes and 3D medical anatomical models.

Advanced Programming in Python

[CONICYT Founded Project](#)

BOOK WRITER

Sep. 2015 - Sep. 2016

- Participant in the writing of a book about advanced programming concepts and usage in Python. Wrote about Webservices and Networking.
- Translate other content and code from Spanish to English.

Other

Collector, Music vinyl records

[Santiago, Chile](#)

Cryptocurrency investor, Bitcoin (BTC) and Ether (ETH)

[Santiago, Chile](#)

2017 **Census Volunteer**, Census Taker

[Santiago, Chile](#)