

# Alter Lagos

SOFTWARE ENGINEER · SENIOR WEB DEVELOPER

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## Skills

**Programming** Ruby – Javascript – Java  
**Web** Rails – ReactJS – AngularJS  
**Languages** Spanish – English

## Experience

### Meloncargo

Remote

RAILS DEVELOPER

Oct. 2016 - Present

- Integrating internal Rails system with third party services like Mercado Libre API, Mercado Pago API and Facturapi, a gem I developed to interact with a SOAP service of SII, the Chilean taxes institution.
- Jenkins Install and config. with Docker as CI Service.
- Rails update to 5.x, including moving assets handling from react\_on\_rails to webpacker.
- Tech stack highlights: Elastic Search querying - React/Redux in frontend - Pusher notifications

### Independent Contractor

Remote

RAILS DEVELOPER

Apr. 2014 - Present

- Worked with a wide range of clients, mostly from United States, through Upwork platform.
- Developing for platforms like Cloud Dentistry, ClickFunnels or Practicaldesk, to mention some of them.
- Some tech stack: React frontend - CMS implementation - payment services integration with Stripe - I18n implement in front/back side

### Cranberry Chic

Santiago, Chile

RAILS DEVELOPER

Feb. 2013 - Jul. 2013

- Developing both frontend and backend until finish of the beta release of this fashion social network.
- BackboneJS frontend - REST API development for iPhone version of the app - Authentication with omniauth - Caching management with Dalli + Memcached

### 4Talent

Santiago, Chile

RAILS LEAD DEVELOPER

Aug. 2012 - Mar. 2014

- Recruitment platform built from scratch for Bci Bank.
- Involved in requirement gathering, design of application and full stack development.
- Backend processing with sidekiq - Integration with third party API's - REST API development to support AngularJS frontend - Use of Elastic Search - File uploading to S3

### Trifecta GIS (now known as T4 Spatial)

Auckland, New Zealand

RAILS DEVELOPER

Aug. 2011 - Mar. 2012

- Maintaining and support of a Rails 3 application with Adobe Flex Frontend.
- Technologies used: Postgis - Rubycas server for authentication - Server configuration with Chef
- SysAdmin tasks maintaining services like PostgreSQL, Apache, Jira and Confluence

### Previous Experiences

Santiago, Chile

Sep. 2007 - May. 2011

- Java developer in Continuum. My first real project using Rails 2.
- Java/Flex developer in Implementa TI. Using EJB/Hibernate
- Developer intern in Interplanet. Mostly testing of web apps and some roles as sysadmin of IBM Websphere servers

## O.S. Projects

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### **dragonfly-azure\_data\_store**

[GITHUB.COM/MELONCARGO/DRAGONFLY-AZURE\\_DATA\\_STORE](https://github.com/meloncargo/dragonfly-azure_data_store)

2018

- Microsoft Azure data store for use with [Dragonfly](#) gem.

### **facturapi**

[GITHUB.COM/MELONCARGO/FACTURAPI](https://github.com/meloncargo/facturapi)

2017

- Integrates a RoR application with sii.cl SOAP service (chilean taxes institution) to generate invoices.

## Education

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### **Bio-Bio University**

*Chillán, Chile*

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Mar. 2002 - Dec. 2007*

- Thesis Work: Development of a Bug tracking system for Implementa TI  
Technologies used: Flex – Actionscript – Blaze DS – Spring – Hibernate – PostgreSQL
- Part of University Tech service for one and a half year
- Teaching assistant in "Seminario y paquetes de software"(Seminar and software packages) class for a half year

## Presentation

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### **FLISOL 2010**

*Santiago, Chile*

"RADIOGRAFÍA DE UN SITIO WEB" (A WEBSITE'S RADIOGRAPHY)

*May. 2010*

- Talk about how a web site is built, giving good practices tips regarding the use of HTML, CSS and Javascript.  
Also an introduction about HTML5 and all the improvements it brings to what we know nowadays as websites.

### **Bio-Bio University**

*Chillan, Chile*

TRABAJO REMOTO (REMOTE WORK)

*Nov. 2014*

- A general talk for starter computer science students about my experience working as remote freelance.  
Explaining advantages/disadvantages and giving some tips about how to start with this work modality.

## Extracurricular Activity

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### **dynLang Chile**

*Santiago, Chile*

MEMBER

*Aug. 2010 - Present*

- Gained knowledge about new technologies and best practices
- Shared some talks about ruby development

### **Auckland RoR Group**

*Auckland, New Zealand*

MEMBER

*Aug. 2011 - Feb. 2012*

- Gained knowledge about new technologies and best practices