

# Carlos Rojas | Software Engineer

Las Margaritas A18 San Martín de Porres – Lima – Perú

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## Education

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- 2015 - 2016 **Ruby on Rails Web Development Specialization** | Johns Hopkins University
- 2010 - 2014 **Bachelor of Software Engineering** | National University of San Marcos
- Graduated as Valedictorian (first in the class).
  - Software Engineering Quality Price 2013 and 2014.

## Work Experience

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- Jul 2015 – Present **Ruby on Rails Developer** | Ommm
- Development for the restful API and web dashboards of the Ommm iOS and Android apps which allows users to book a taxi and track it in real time.
- Key Technologies:** Ruby, Rails, REST APIs, MongoDB, Mongoid, Rspec, FactoryGirl, Slim, Bootstrap, CoffeScript, Javascript, Redis, Capistrano, Delayed Job, Git, Heroku.
- Aug 2014 – Jun 2015 **Java Developer** | Hiper
- Development for the web applications and networked distributed systems of payment processing and queue management.
- Key Technologies:** Java, Struts, JSP, HTML, CSS, Javascript, JQuery, Parasoft Jtest, Subversion, SOAP, XML.
- Feb 2013 – Dec 2014 **Research Assistant** | National University of San Marcos
- Investigated NoSQL, NewSQL and Big Data analytics.
- Design and development of an Alumni Tracking System as a Hybrid Transaction/Analytical Processing (HTAP) System using the NuoDB in-memory NewSQL database.
  - Designed and implemented 2 dashboards for CINFO UNMSM Marketing Area (including social networks analytics) using the Hefesto methodology.
- Key Technologies:** Java, Spark, Facebook API Graph, Bootstrap, HTML, CSS, Javascript, ActiveJDBC, Freemarker, PHP, JQuery, NuoDB, Qlikview, QVSource,
- Jan 2014 – Aug 2014 **Information Technology Intern** | Petroperú
- Requirements elicitation, support and development for the Sustainable Development and Strategic Planning units.
- Key Technologies:** Javascript, HTML, CSS, JQuery, PHP, IBM Cognos.
- Aug 2013 – Nov 2013 **Java Instructor** | National University of San Marcos
- Designed and taught course on Java Fundamentals.
- Mar 2012 – Aug 2012 **Teaching Assistant** | National University of San Marcos
- Designed and graded assignments and labs for Programming Languages course.

## Certifications – Coursera, EdX and Others

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Oct - Dec 2015	Engineering Software as a Service (SaaS), Part 1   University of California, Berkeley.
Oct - Nov 2015	Rails with Active Record and Action Pack   Johns Hopkins University
Sep - Oct 2015	Ruby on Rails: An Introduction   Johns Hopkins University
Sep - Oct 2015	Essential Test-Driven Development   Udemey
Aug - Sep 2015	MongoDB for Node.js Developers   MongoDB University
Jul - Aug 2015	Startup Immersion   PDMA Perú
Mar - May 2015	Web Application Architectures   University of New Mexico
Feb - Apr 2015	Web Development with HTML5, CSS & Javascript   Technical University of Madrid
Jan - Mar 2015	Introduction to Computer Science and Programming Using Python   MIT
Aug - Sep 2013	Web Development with PHP and MySQL   Cymetria Group

## Tech Skills

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Languages	Ruby, Javascript, Python, Java, C/C++, Coffescript
Web Frameworks	Rails, Sinatra
Frontend	HTML, CSS, Bootstrap, Slim, Haml, JQuery
Databases	MongoDB, Mongoid, SQL, MySQL, PostgreSQL, NuoDB.
Testing	RSpec, FactoryGirl, Cucumber, Capybara, MiniTest
Version Control	Git, GitHub, Subversion.
System Administration	Ubuntu, Bash, Capistrano, AWS, Heroku.
Text Editors	Vim, SublimeText

## References

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Available on request.