

JUAN PEMBERTHY

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WORK HISTORY

Uber Technologies (November 2014 - Present)

Software Engineer

- Developed and maintained the first generation of systems of the Uber External API. Such services included: the OAuth2.0 provider, the external API backend itself, the sandbox and a webhooks service.
- Designed and developed the second generation of the Uber external API platform.
- Developed a high level testing tool to guarantee consistency of the API endpoints in different environments: regular and sandbox.
- Currently working on supply positioning.

We Heart It (May 2012 - Present)

Software Engineer

- At weheartit I designed and developed the internal API, this service supports the iOS and Android mobile applications.
- Developed and scaled systems to publish millions of hearts (likes) to thousands of user dashboards.
- Developed the images uploads service.
- These services were built on top of diverse tools like: Ruby, Ruby on Rails, MySQL, Redis, Lua, Cassandra, node.js and RabbitMQ.
- It was also my responsibility to work on the development of new features and bugs fixes.

Stack Builders Inc (November 2010 - March 2012)

Software Engineer

- As a Stack Builders contractor, I developed a micro messaging social network based on geolocation along with private applications for the finance leaders sector. The main stack components to build these services were Ruby on Rails, MySQL and MongoDB.

Martian Interactive LLC (March 2009 - November 2010)

Software Engineer

- As a Martian Interactive contractor, I developed applications for clients in the educational, transportation and life coaching industries. Main tech components use to build the services: Ruby on Rails, MySQL and MongoDB.

Eureka Facts LLC (January 2008 - July 2008)

Software Engineer Intern

- Conducted survey programming, online data capture, web development and business intelligence tool customization.

OPEN SOURCE AND PERSONAL PROJECTS

- <http://timehub.me/> - Invoicing for GitHub. Winner of the 2011 Rally on Rails.
- <http://bolsaenred.com/> - A Community for people investing in the Colombian Stock Exchange.
- <https://github.com/jpemberthy/uber-activity> - A Sinatra application that makes use of the Uber API to show your recent rides info and stats.
- <http://github.com/jpemberthy/marianita/> - An API to detect and persist the most relevant events of your FB, Instagram and Twitter.
- http://github.com/jpemberthy/aria_api - Ruby wrapper for the Aria billing system API.
- <http://ezgraphixdemo.herokuapp.com/> - A Rails 2.3 plugin to generate chart graphics.
- <http://github.com/jpemberthy/> - Other projects.

EDUCATION

Universidad EAFIT (Medellín, Colombia)

2010 Bachelor in Computer Science

Current Cumulative (GPA): 4.23/5

Selected Coursework:

Computer Science: Computer Graphics · Distributed Virtual Reality · Programming Languages · Data Structures and Algorithms · Automata & Computation · Numerical Analysis · Databases · Operating Systems · Computer Architecture · Compilers · Distributed Systems

Mathematics: Multivariable Calculus · Linear Algebra · Discrete Math · Physics · Statistics · Operations Research