JUAN PEMBERTHY
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WORK HISTORY

We Heart It (May 2012 - Present)
Ruby developer
- Continous development of weheartit.com. I joined the company when there were only two engineers. Being part of a small group working for a growing startup has given me the opportunity to participate in the design and development of many features to make the product scalable. We Heart It has around 25 million users and some of the features I have worked on include:
- Attachments system rewrite to support thousands of images uploads per day.
- Refactored the original Redis friends feed stream with Cassandra, Node and RabbitMQ.
- Notifications system with Sidekiq.
- API development and design to support the iOS and Android clients.

Stack Builders Inc (November 2010 - March 2012)
Ruby on Rails lead developer
- Social communities in the finance leaders sector and Geolocation using tools such as PostgreSQL, PostGIS and CoffeeScript.

Martian Interactive LLC (March 2009 - November 2010)
Ruby on Rails developer
- Developed web applications for clients in the educational consulting, transportation and life coaching industries.

Eureka Facts LLC (January 2008 - July 2008)
Developer Engineer
- Conducted survey programming, online data capture, web development and business intelligence tool customization.

Universidad EAFIT (Medellín, Colombia)
Educational Computing Research (January 2007-November 2007)
Part-Time Research Assistant
- Improved the Telepresence Project, a collaborative tool for distance education. Using Java, Java Media Framework and Java3D we managed to integrate multi-point video using RTP into the application.

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.
- http://github.com/weheartit/crystal/ - A control tower for repetitive tasks within your company.
- 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.heroku.com/ - A Rails 2.3 plugin to generate chart graphics.
- http://github.com/jpemberthy/ - Other projects.

EDUCATION

Universidad EAFIT (Medellín, Colombia)
2004-2009 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

SKILLS

- Proficient in software development using Ruby.
- Proficient in Web Development using Rails.
- Proficient in TDD.
- Familiar with BDD.
- Familiar with C/C++, Java, Javascript and Bash.
- Familiar with GNU/Linux and Mac OS X.
- Familiar with technologies such as Git and SVN.

LANGUAGES

- Spanish - Excellent (Native)

- English - Excellent (MELICET 91)

Achievements

- Winner of the Rally on Rails 2011 with TimeHub
- SVR 2008 Joao Pessoa, Paraiba, Brazil (Full paper accepted: Telepresence: A Tool for Distance Education)
- Premios GEMIS 2004 (Category: Data Structures and Algorithms) at Universidad EAFIT
- Premios GEMIS 2005 (Category: Data Structures and Algorithms) at Universidad EAFIT
- Premios GEMIS 2008 (Category: Papers Telepresence: A Tool for Distance Education)

Related Events

- Assisted to RubyConf Brazil 2010
- Assisted to RubyConf Argentina 2011
- Assisted to RailsConf 2012
- Assisted to Heroku Waza 2013
- Assisted to I love APIS 2013