Nathan Esquenazi

nesquena@gmail.com | 626.274.9105 | http://github.com/nesquena

Experience

Co-founder & CTO, CodePath.org - Aug 2017 - Present

As one of three org founders, working on strategy, programs, and hiring. As CTO, I oversee all technical projects and initiatives in service of meeting the organization's goals including in-house products & platforms, infrastructure, internal tools, and third-party services. Responsible for enabling impact at scale using technology. CodePath.org is a nonprofit increasing diversity in tech by transforming college CS education for underserved populations.

Co-founder, CodePath.com - Jan 2013 - July 2018

Teacher and co-founder of CodePath, an educational organization dedicated to providing effective mobile training to startup engineers and designers. Developed and deployed a comprehensive learning management software platform suite. Developed curriculums with slides, exercises, projects and running bootcamps as well as other in-person workshops. Taught hundreds of engineers at companies like Facebook, Youtube, Dropbox, and Yahoo. We take a unique approach to ramping up engineering professionals that combines live teaching, course projects and community to make learning efficient & fun.

Lead Platform Engineer, Miso - July 2010 - Jan 2013

One of the earliest developers at this startup. Built out the entire website and backend in Ruby, Rails and Padrino. Responsible for primary development, maintenance and deployment of all Miso server technologies early on. Helped grow out the engineering team alongside CTO. Miso was a social TV startup in San Francisco that raised $6M in funding from Khosla and Google Ventures and was acquired by Dijit media in 2013.

Principal Developer, quub.com - June 2007 - July 2010

Lead software architect for the startup. First employee hired. Managed a team of developers to build the quub website in Ruby on Rails. Responsible for primary development, maintenance and deployment of quub site and API. quub is an Irvine-based technology startup.

Co-founder, Alturn Solutions - September 2007 - January 2009

Co-founded Alturn Solutions which developed health-related software and technology. Worked with fellow co-founder to develop three different complex web applications in Ruby on Rails for physicians. Partnered with and licensed patents to Ethicon Endo, a company part of the Johnson & Johnson corporation.

Lead Developer, Mogopop - August 2005 - May 2007

Lead software developer at Mogopop, Inc. a small Santa Monica-based technology startup. Responsible for developing iWriter, an educational and creative tool for developing iPod media. Primary developer of installation systems for iPod products iLingo and iRocker sold in Apple retail stores. Developed in C#, ASP.NET, PHP and Ruby on Rails.

Co-founder, iPodSoft - Jan 2004 - Aug 2005

Founded this company with several business partners online while I was in high school. Sold several popular programs for the iPod / iTunes including iStory Creator which was a tool for designing interactive and educational content for the original iPod. Developed Windows software in ASP.NET and C# as well as a Mac version using Objective-C and Cocoa.

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Open-source Projects

RABL (https://github.com/nesquena/rabl) - Creator
API templating for Ruby. More than 11M installs.

Padrino (http://padrinorb.com) - Co-author
Alternative to Rails, elegant Ruby web framework.

backburner (https://github.com/nesquena/backburner) - Creator
Embedded into Rails ActiveJob. Official beanstalkd queue Ruby library.

gitdocs (https://github.com/bazaarlabs/gitdocs) - Creator
Open-Source Dropbox Alternative for Developers

sinatra-more (https://github.com/nesquena/sinatra_more) - Co-author
Powerful extensions to Sinatra

Skills

- Web Programming - Django, Ruby on Rails, Sinatra in Ruby, J2EE, PHP, SQL
- Web Development - (X)HTML, CSS, Javascript, Ajax, HAML, SASS
- Mobile Development - Android, React Native, Flutter
- Version Control - Git, CVS, Perforce, Mercurial, SVN
- Deployment - Apache, Nginx, Passenger, Capistrano, Monit / God
- System Administration - Unix, Linux, Ubuntu, Mac OS X, Bash
- Graphic design - Adobe Photoshop, Illustrator, Fireworks, Flash
- Desktop Development - Java, C++, Ruby, Python, C#, VB.NET
- Open-source development (sinatra_more, padrino, http://github.com/nesquena)

Education

University of California at Irvine, CA
Donald Bren School of Information and Computer Sciences
Information and Computer Science, 2009
G.P.A: 3.80/4.00, Summa Cum Laude

Awards

Second in HiTec Competition - April 2009. *Developed, demonstrated a technology.*
Top 10 in Rails Rumble - October 2008. *3 man team. Build a website in 48 hours.*
Phi Beta Kappa - June 2009. *Honor Society. Nominated. Top 5% graduating seniors.*
Graduated Summa Cum Laude - June 2009
Dean's Honor Roll - 2007 to 2009