

## BRIAN GONZALEZ

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## WHAT I'M ABOUT

I am one of the web's biggest proponents, and I enjoy using the web to build things that bring life to products and the people that use them. I geek out over clean code on both the front and backend, simple APIs, CSS animations, vector graphics, and beautiful design.

I traveled across the world to Norway to get my MSc in Computer Science, as well as learn from the world's best skiers and hackers.

## EXPERIENCE

**MyHeritage, Inc.** *Santa Monica, Ca*

**Lead Frontend Web Developer, Geni.com**

Worked on Geni product, a genealogy web app with 2M+ monthly users striving to build the *World Family Tree*. Managed and built Geni's HTML5 family tree (both front and backend), a responsive backbonejs web-app powered by Rails; this allowed 3K+ daily users to build their family tree on a Nexus 7, iPhone 5, or IBM Thinkpad.

Worked with Google engineers to implement microdata throughout the site. Open-sourced various technologies along the way.

*January 2012 - August 2013*

**ST-Ericsson** *Grimstad, Norway*

**Researcher & Intern**

Developed Android/iOS prototype application using Titanium for opportunistic crisis sensing, i.e. using the phone's sensors to determine a crisis situation. Crises were detected using a Naive Bayes Classifier and other machine learning techniques.

*August 2011 - May 2012*

**VMWare, Inc.** *Palo Alto, Ca*

**Frontend Web Developer Intern**

Built internal tools for monitoring and visualizing downloads of VMWare Labs products. Used HTML5 Geolocation API to geolocate the user upon downloading, stored download data in MongoDB, then populated dashboards with numbers and added datapoints to Google Maps.

Dashboards used by VMWare executives and developers to monitor growth and usefulness of Labs products. Many apps reached 50K+ downloads/month from all over the world.

*Summer 2011*

**First Presbyterian Church** *San Luis Obispo, Ca*

**High School Youth Pastor**

Worked with and mentored many teenage students. Led outreach trips to the Dominican Republic, Guatemala, and Las Vegas. Helped fundraise thousands in support for youth program.

*September 2007 - June 2010*

## EDUCATION

**University of Agder, Norway**

2012 MSc in Computer Science

**California Polytechnic State University, San Luis Obispo**

2007 BSc in Electrical Engineering

## PROJECTS *github.com/briangonzalez*

**FontPrep App**

600+ tweets, 2,600+ users, <http://goo.gl/z23pWn>

A drag & drop OSX app which makes fonts web-friendly. We've open-sourced various internals of this project

**jquery.pep.js**

400+ tweets, 450+ stars, <http://goo.gl/Y69w9b>

A jQuery plugin which brings cross-browser and cross-device kinetic drag to DOM elements

**jquery.arbitrary-anchor.js**

100 tweets, 200+ stars, <http://goo.gl/dL2lVb>

A plugin which uses a little jQuery magic to allow developers to anchor to any element on the page based on the URL hash fragment

**Sirkel App**

Top prize in VMWare's 2011 Intern Coding Challenge

A Rails web-app powered by websockets and MongoDB that I designed and coded for an intern contest at VMWare. Sirkel geolocated the user, showed others nearby, and offered a chat dialog overlaid on a Google Map. Used by over 1K in the first couple of weeks and was featured on *The Next Web* <http://goo.gl/1UgMdX>

## SKILLS

**Frontend**

HTML5, CSS3 / SASS, RWD, Javascript, plugin design & architecture, jQuery, backbonejs, SVG graphing and animation, vector- or pixel-based design in Illustrator and Photoshop

**Backend**

Ruby programming including API mocking in Sinatra and Rails, Python, SQL and MongoDB, \*nix command-line tools, nginx

## INTERESTS *besides development & design*

Traveling, exploring, running, culture, photography, basketball, guitar, using my hands (cars, woodwork, etc.), Lakers & Dodgers, board games, Raspberry Pi-related projects

## REFERENCES

Available upon request.