SANTIAGO GOMEZ LAVIN

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experience

2014 - present **MADISON REED**   **SAN FRANCISCO, CA**

Software Engineer. Working on front-end and back-end projects using Node.js, Express.js, Angular.js, MySQL, MongoDB, Redis and Mocha.
- Led the development of the new blog, migrating over 400 pieces of content from Wordpress into our in-house content management system, using MongoDB for storage.
- Developed the core modules of our internal API and created the endpoints that feed our real time analytics dashboard.
- Collaborated in key product initiatives like the on-demand stylists' service (Color To You), the content management system, the internal customer support system and the product detail pages.

2014 - 2015 **ALTIA SALUD**   **SAN FRANCISCO, CA**

Co-Founder - Product Development and Technology. Created a multi-sided platform serving more than 20 physicians, 630 patients and 3 pharmacies, with more than 1,000 e-prescriptions sent in Mexico.
- Designed the site's user experience, user interface and creative assets.
- Developed the entire tech infrastructure with Ruby on Rails, PostgreSQL and Heroku.
- Guided a group of 4 UX designers during the re-design of the site's electronic prescription tool.

2011 - 2012 **MEMSYS CLEARWATER**   **SINGAPORE, REP. OF SINGAPORE**

Project Engineer. Conducted research and optimization of a low-scale water distillation system built inside a 20ft shipping container, aimed to provide clean water to rural communities in Southeast Asia.
- Integrated Memsys' V-MEMD distillation technology with solar panels and solar vacuum collectors, making the system heat and energy self-sufficient for remote locations.
- Achieved a 50% increase in distillate production, from 10L/h to 15L/h, with a purity of 6.7mg/L.

2008 - 2010 **BANK OF AMERICA MERRILL LYNCH**   **MEXICO CITY, MEXICO**

Fixed Income Sales Analyst. Structured and sold foreign exchange, interest rate and commodity derivatives to corporates and institutional clients in Mexico.
- Helped several clients restructure their derivatives portfolio after the '08 crisis to minimize losses.
- Developed new accounts for the bank in a very challenging market, securing a place in the fixed income team after the merger with BofA, which reduced Merrill Lynch's headcounts by 80%.

2007 - 2008 **GRUPO FRABEL**   **MEXICO CITY, MEXICO**

Business Intelligence Consultant. Designed and implemented BI analytics dashboards for large corporate clients in Mexico, providing real time metrics of the business to senior management.

education

fall 2013 **GENERAL ASSEMBLY**   **SAN FRANCISCO, CA**

Web Development Immersive

2010 - 2011 **LOUGHBOROUGH UNIVERSITY / KASSEL UNIVERSITY**   **UK / GERMANY**

MSc. in Renewable Energy

2002 - 2007 **INSTITUTO TECNOLOGICO AUTONOMO DE MEXICO**   **MEXICO CITY, MEXICO**

Double Degree: BSc. in Computer Engineering and BSc. in Telematics Engineering

tech skills

Languages:	JavaScript, Ruby, HTML5, CSS3, Jade, Stylus, Git
Frameworks:	Node.js, Express, Angular.js, Rails, Mocha
Databases:	MySQL, MongoDB, Redis

personal Avid traveller and runner. Spent 10 months travelling and scuba diving along the Mayan Riviera in 2012, becoming a PADI Advanced Open Water Diver. Completed Mexico City's marathon in 2013.