SANTIAGO GOMEZ LAVIN

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experience

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

Software Engineer. Development of front-end / back-end initiatives to support and improve both, the ecommerce and customer support infrastructure, using Node, Angular, MySQL, Mongo and Redis.
- Collaborated in the development of core projects like the on-demand stylists' service (Color To You), the content management system, the internal customer support system and the product detail pages.
- Implemented some of the core modules of our internal API and created the endpoints that feed our real time analytics dashboard.
- Developed key features of the company's blog, working together with the marketing, design and editorial departments to create a better user experience across devices with cross-selling capabilities. Migrated over 400 pieces of content from Wordpress into our in-house content management system.

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

Co-Founder: Product Development / Management. Created an EHR platform for the Mexican market serving 40 physicians, 1,600 patients and 3 pharmacies, with more than 3,000 e-prescriptions sent.
- 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   **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.
- 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%.
- Provided guidance and market advice to clients during an international crisis to assist them in lowering their exposure to volatility.

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, Rails, Angular.js, Express, Mocha
Databases:	MySQL, PostgreSQL, MongoDB, Redis

personal

Native Spanish speaker and fluent in English. Avid traveller and runner. Spent 10 months travelling and scuba diving along the Mayan Riviera in 2012. Completed Mexico City's marathon in 2013.