

# Daniel Paz-Soldan

[hello@danpaz.me](mailto:hello@danpaz.me) | [danpaz.me](http://danpaz.me) | [github.com/danpaz](https://github.com/danpaz)

## **PROFESSIONAL EXPERIENCE**

**Curiosity Media** Arlington, VA

June 2014 — Present

*Software Engineer, [spanishdict.com](http://spanishdict.com) and [pubnation.com](http://pubnation.com)*

- Processed millions of user queries with Elasticsearch to provide automatic search-as-you-type suggestions and accurate search results, improving user experience and increasing engagement for 15M unique users per month.
- Implemented robust data pipeline using Node.js microservices and AWS SQS to ingest, queue, and asynchronously process incoming data stream, enabling low latency data processing and flexible maintenance schedule.
- Created Ember.js dashboard application and RESTful API with Node.js, MySQL, and Elasticsearch for users to perform custom data analysis across more than 100,000 records per month.
- Migrated cloud infrastructure from Chef to AWS EC2 Container Service (Docker) with zero downtime, reducing server costs, improving metrics visibility with StatsD and Datadog, and enabling rapid automated deployments.

**The George Washington University** Arlington, VA

January 2017 — June 2017

*Teaching Assistant, GW Coding Boot Camp*

- Mentored and taught over 60 students of all backgrounds towards proficiency in full stack web development.
- Assisted instructor with classroom logistics, presented concepts and assignments, and assisted students one-on-one.
- Covered a range of topics including Git, HTML, CSS, JavaScript, jQuery, Express, React, Node.js, MongoDB, MySQL.

**HIP Consult** Washington, DC

February 2013 — May 2014

*Analyst*

- Designed and developed mapping and visualization application using MongoDB, Express, Angular and CartoDB, enabling analysis of telecom and energy infrastructure coverage in emerging markets.
- Collaborated with team to build business plan, develop marketing strategy and launch product to government agencies.
- Rebuilt company website with responsive design and PHP CMS allowing for easy content management and developed customer payment portal using Stripe enabling secure online sales of company white papers.

## **COMMUNITY EXPERIENCE**

**Node.DC & NovaNode** Washington, DC

June 2014 — Present

*Meetup Organizer*

- Organized regular Meetup events such as hack nights and lightning talks, and invited industry leaders and community members to present on current topics for developers in the Northern Virginia / DC area.
- Hosted monthly *NodeSchoolDC* workshops for 20-50 students of all levels to learn to code in a group setting, and organized team of experienced developers to provide regular mentorship for event attendees.
- Instituted local chapter of annual *International NodeBots Day* event attracting over 30 hardware enthusiasts for three years in a row, including company sponsorship, advertising posters and website.

## **Open Source Projects**

**bodybuilder**: Built and actively maintain a popular Elasticsearch query body builder, recently featured in [Node Weekly #118](#).

**hubot-travis-ci**: Developed a chat bot plugin for interacting with Travis CI builds from Slack or other hubot applications.

More projects available at: <https://github.com/danpaz>.

## **SKILLS**

JavaScript, Node.js, HTML, CSS, Ember.js, React, Elasticsearch, MongoDB, MySQL, Docker, Chrome debugging protocol, AWS, EC2, Elastic Beanstalk, EC2 Container Service, D3.js, Babel, Mocha, Sinon.

## **EDUCATION**

M.A.Sc, Electrical and Computer Engineering, University of Toronto, 2012

B.Sc.E, Engineering Physics, Queen's University at Kingston, 2011

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