

# NATALIA MARGOLIS

SOFTWARE ENGINEER

Berkeley, CA

[nataliamargolis.io](http://nataliamargolis.io)

[linkedin.com/in/nataliasmargolis](https://linkedin.com/in/nataliasmargolis)

[github.com/nmargolis](https://github.com/nmargolis)

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## SKILLS

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**TECHNOLOGIES** JavaScript (Node, React), Python, SQL, AWS tools, HTML/CSS, Git

**LANGUAGES:** English (native), Spanish (proficient understanding, limited working proficiency speaking)

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## EDUCATION

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**HACKBRIGHT ACADEMY** Software Engineering Fellowship December 2015

**GEORGETOWN UNIVERSITY** BSFS, Science, Technology & International Affairs May 2013

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## EXPERIENCE

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**Mapbox – Software Engineer** February 2018 - Present

- Worked on the core search engine, adding features like routable points for addresses, updating the algorithms to surface more relevant results.
- Built Elasticsearch-based API for points of interest
- Ensuring the availability of API services and improving AWS-based infrastructure.
- Write Bash/Node/python scripts for automating developer processes.
- Create SQL rqueries and dashboards for tracking operational metrics & availability, investigating incidents, and understanding customer usage.
- Developed a pipeline for transforming and loading a data source with a series of AWS Lambdas (including a generic library for creating the AWS Cloudformation templates for an arbitrary number of Lambdas connected by Kinesis streams).
- Worked on migration of C++ functionality to Rust, implemented performance benchmarks in Rust.

**HUGE – Software Engineer** July 2016 - January 2018

- Initiated and built server/API using Python/Flask for [Notifica](#). Press: [Wired](#) | [Rolling Stone](#) | [NPR](#)
- Lead engineer on [google.com/cloud](https://google.com/cloud) site, using Google Closure to write clean, reusable modules.
- Worked on interactive data visualization and decision making tool with React/Redux, Node/Express.
- Architected content schemas for effective content management and localization.
- Continuously collaborated with designers and distributed team of engineers, designed git workflows

**BANK INFORMATION CENTER – Information Services Coordinator** September 2013 – August 2015

- Maintained and developed website on Wordpress, updating security patches, theme, and plugins.
  - Coordinated technology infrastructure and troubleshooting within and across offices.
  - Organized civil society actions for transparency and accountability at international financial institutions.
  - Designed newsletters, reports, and materials for actions.
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## VOLUNTEER WORK

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**BAYGEO – 2016-present** Board member of membership organization for bay area geospatial community  
**TECHTONICA – 2016-present** Volunteer, mentor at coding workshops for women & non-binary adults  
**ANTI-EVICTION MAPPING PROJECT – 2016** Automated cleaning & geocoding data with Python, GDAL