

# NATALIA MARGOLIS

## SOFTWARE ENGINEER

(510) 449-9800 | [nmargolis89@gmail.com](mailto:nmargolis89@gmail.com)

[github.com/Nmargolis](https://github.com/Nmargolis) | [linkedin/in/nataliasmargolis](https://www.linkedin.com/in/nataliasmargolis) | [nataliamargolis.tech](https://nataliamargolis.tech)

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## TECH SKILLS

**TECHNOLOGIES** Python, JavaScript, HTML, CSS, SQL, Flask, Postgres, jQuery, Bootstrap, Mapbox, Git

**CONCEPTS** Object-Oriented Programming, Testing, REST APIs, Relational databases, Agile methodologies

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## EDUCATION

**HACKBRIGHT ACADEMY** Software Engineering Fellowship December 2015

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

Relevant undergrad coursework includes: JavaScript, C++

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## PROJECTS

### TENANTCONNECT

<https://tenantconnect.herokuapp.com> | [github.com/Nmargolis/Landlords-Ratings-Project](https://github.com/Nmargolis/Landlords-Ratings-Project)

Web app that allows users to search for landlords by name or location, leave reviews and send messages.

STACK: Python, Flask, PostgreSQL, JavaScript (jQuery, AJAX), SQLAlchemy, Bootstrap, Mapbox, Heroku

### MAP RESUME

[nataliamargolis.tech](https://nataliamargolis.tech) | [github.com/Nmargolis/story-resume](https://github.com/Nmargolis/story-resume)

Interactive WebGL map that animates my resume and journey to becoming a software engineer.

STACK: JavaScript, HTML/CSS, Mapbox GL JS, Waypoints and ScrollTo jQuery plugins.

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## EXPERIENCE

**BANK INFORMATION CENTER**, Washington, D.C. September 2013 – August 2015

### *Information Services Coordinator – IT and Website Management*

Maintained and developed website advocating for World Bank transparency and accountability

Ensured website security patches, theme and plugins were up to date and compatible

Coordinated technology infrastructure and troubleshooting within and across offices

**ROBERT GRAHAM CENTER**, Washington, D.C. June 2013 – January 2014

### *Research assistant – Research on access to primary health care*

Conducted literature review for research on behavioral geography and access

Identified and implemented solution for migrating to a cloud-based citation database using ETL process

**MAYA AGRICULTURE & WATER SYSTEMS RESEARCH**, Belize May - June 2011 & 2012

### *Field Research Assistant – Soil Science and Geoarchaeology*

Excavated, collected, and analyzed soil profiles, water samples, and GPS data

**SF MAYOR'S OFFICE OF GREENING**, San Francisco, CA May 2010 – August 2010

### *Urban Agriculture Intern – Mapping and community outreach*

Compiled, updated, and mapped data from audit of city-owned land for its urban agriculture potential

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## VOLUNTEER WORK

**ANTI-EVICTION MAPPING PROJECT** – *Clean and geocode data with Python, Map relocation with d3.js*

**DC FAIR FOOD** - *Cofounder of farmworker justice community organization and local ally network*