

# Juli A. Brady

Junior Developer

## Contact

julibrady@gmail.com  
510.207.5031  
LinkedIn: /in/julibrady  
Github: jabrad0  
Twitter: @juli\_brady  
www.julibrady.com



## ABOUT ME

In 2014, I began my journey to become a software developer and I am now seeking full-time, entry-level opportunities.

I acquired my Civil Engineering license in 2008 from the State of California. I have been an environmental engineer since 2003, specializing in soil and groundwater remediation.

My professional experience has included: managing a small business, managing projects, coordinating with clients, training staff, designing and constructing remediation systems, evaluating data, and writing technical reports.

I bring a professional-level of experience and engineering ability to my new career as a developer, in addition to a proven track record of hard work and success.



## TECHNICAL EXPERIENCE

### Software Engineering Fellow

Hackbright Academy, September 2014 to December 2014  
Graduated Hackbright Academy, a highly selective (7.5% acceptance rate) full-time, 10-week, full-stack software engineering immersion program in San Francisco, California.

#### Curriculum Included:

Backend: Python, Flask, SQL, SQLAlchemy  
Frontend: JavaScript, jQuery, HTML, CSS  
Industry tools: CLI, GIT, Pair Programming, Deployment  
CS: Data Structures and Algorithms, Best Practices

### Technical Online Learning

Treehouse Academy, January 2015 to Present  
Udacity, October 2015 to Present  
Coursera, February 2015



## PROFESSIONAL EXPERIENCE

### Civil/Environmental Engineer

July 2003 to September 2014

Senior Environmental Engineer

- Streamborn** | Berkeley, CA | October 2013–September 2014
- Prepared proposals and cost estimates for clients.
  - Interacted with clients and government regulators daily.
  - Made on-the-spot project decisions in the field.
  - Managed simultaneous projects, budgets, and deadlines.

Junior Environmental Engineer

- Iris Environmental** | Oakland, CA | April 2011–September 2013
- Collaborated with teams regarding best project strategies.
  - Managed multiple internal staff and professional vendors.
  - Developed a sampling program and trained staff on best use.

Junior Environmental Engineer

- Streamborn** | Berkeley, CA | November 2006–April 2011
- Projected and managed project budgets.
  - Designed and constructed remediation systems.
  - Coordinated and planned all components of field work.
  - Managed day-to-day operations of a small business.

Staff Engineer

- Kennedy/Jenks** | Sacramento, CA | July 2003–November 2006
- Conducted field work to investigate contaminated soil and groundwater.
  - Produced project investigation reports.
  - Provided QA/QC on large amounts of investigation data.



## SKILLS

Python	<div></div>
JavaScript	<div></div>
jQuery	<div></div>
Jinja2	<div></div>
SQL	<div></div>
SQLAlchemy	<div></div>
HTML/CSS	<div></div>
Git	<div></div>
Flask	<div></div>
Ajax	<div></div>



## PROJECTS

### Getgo (5-week solo project)

Designed a web application allowing users to plan an art and wine stroll through Oakland CA by bike from any location within the city.

Deployed: <https://getartandgo.herokuapp.com>

Github: [jabrad0/Getgo](https://github.com/jabrad0/Getgo).

Stack: Python, Flask, JavaScript, jQuery, Jinja2, HTML, CSS, Google Maps API, Yelp API

### Spiritual Corky (1-week solo project)

Created a twitterbot program that generates a mash-up of quotes from the films "Jesus Christ Superstar" and "Waiting for Guffman" using Markov chains.

Twitter: @Spiritual\_Corky

Github: [jabrad0/Spiritual\\_Corky](https://github.com/jabrad0/Spiritual_Corky)

Stack: Python, Twitter API

### Udacity Front End Nanodegree (6-month online project)

Completed a series of classes to create a portfolio of projects highlighting front end development skills.

Deployed: <https://www.julibrady.com>

Github: <https://github.com/jabrad0/portfolio>

Stack: Javascript, jQuery, HTML5, CSS, HTML5 Canvas, Bootstrap, Grunt, Google Maps API



## EDUCATION

### Masters of Engineering, Biosystems and Agricultural

University of California, Davis

Davis, CA | 2001–2003

Published two first author publications in peer-reviewed journals.

### Bachelor of Engineering, Biosystems and Agricultural

University of Kentucky

Lexington, KY | 1995–2000



## LICENSURE

### Professional Civil Engineer

California PE License #C72579