# Juli A. Brady

Software Engineer



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#### Contact

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## **ABOUT ME**

In 2014, I began my journey to become a software engineer 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 software engineer, 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 Skillcrush, March 2015 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.

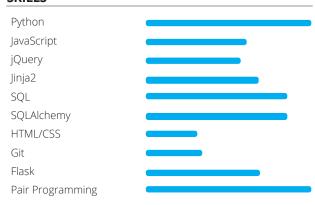
#### Staff Engineer

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





## **PROJECTS**

#### Getgo (5-week solo project)

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

Deployed: https://getartandgo.herokuapp.com Github: jabrad0/Getgo.

Stack: Python, Flask, JavaScript, JQuery, Jinja2, HTML, CSS, Google Maps, JavaScript v3 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 Stack: Python, Twitter API

#### Flipstar (2-day collaborative project)

Collaborated with a team of five at my first hackathon, neoHack14, where we built a mobile application for the Macy's catalog which worked like Tinder. I collaborated on all parts of the application; my solo contributions included drafting demo materials.

Github: jabrad0/flipstar



#### **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