

Juli A. Brady

Software Engineer

Address

2502 Lazenby Drive Apt. B
Nashville, TN 37206

Contact

julibrady@gmail.com
510.207.5031
LinkedIn: /in/julibrady
Github: jabrad0
Twitter: @juli_brady



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

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>
Pair Programming	<div></div>



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