

# Lillian Wakefield

WEB DEVELOPER

## CONTACT

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## ABOUT

I started in the scientific field as an environmental consultant before pursuing teaching and have recently transitioned into software engineering. I draw on all of my past experiences to be an effective communicator, manager, and critical problem solver.

## SKILLS

HTML/CSS	JavaScript
jQuery	React/Redux
PostgreSQL	Node.js
Python	Go
Matlab	R

## EDUCATION

**DigitalCrafts | August 2018**  
Certification in Full Stack Web Development

**University of California, San Diego | June 2013**  
Bachelor of Science in Environmental Chemistry

## RECENT PROJECTS

**chisSLANGo | August 2018**

**chislango.herokuapp.com**

**github.com/LillianWakefield/chiSLANGo**

- A multiple choice language learning game that displays slang from Mexico City alongside the literal English translation.
- Built using Node.js, PostgreSQL, Sequelize, and React.

**Pic a Pup | April 2018**

**lillianwakefield.github.io/Pic-a-Pup/index.html**

**github.com/LillianWakefield/Pic-a-Pup**

- A front-end application where the user chooses between two pictures of dogs, deciding which is cuter to be saved to the gallery.
- Built using HTML, CSS, Bootstrap, JavaScript, jQuery and the Dog API.

## EXPERIENCE

**Director of Career Services | DigitalCrafts**

**February 2018 – Present | Mexico City, D.F.**

- Increase networking growth with potential employers by 20%.
- Independently manage all student outcome and diversity data.
- Individually support the student job search process.

**Owner | Geek Tutoring**

**August 2016 – February 2018 | Mexico City, D.F.**

- Grew business from the ground up through effective marketing and a curated network of client recommendations.
- Taught the skills necessary for students to achieve independent success in math and science.

**Research Assistant | Integral Consulting, Inc.**

**June 2014 – March 2016 | Portland, OR**

- Managed QA team responding to user tickets for the Gulf of Mexico Research Initiative, [data.gulfresearchinitiative.org](http://data.gulfresearchinitiative.org).
- Performed comprehensive data quality analysis, fitness, visualization, and management using Python, Matlab, and R.
- Compiled and consolidated existing baseline datasets to develop client specific databases in SQL.

**Staff Scientist | D-Max Engineering | December 2013 – May 2014 | San Diego, CA**

- Performed stormwater inspections and completed upstream investigations.

**Research Assistant | Scripps Institution of Oceanography**

**January 2012 – September 2013 | San Diego, CA**

- Analyzed big data Long-Term Spectral Average plots using Matlab.
- Responsible for implementing digital documentation project.