

# Brittany Neal

## Software Engineer

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## TECHNOLOGIES

**Languages** | Python, JavaScript, HTML, CSS, SQL

**Frameworks/Libraries** | Flask, jQuery, Bootstrap, Jinja, NLTK, fastText

**Database/Industry Tools** | PostgreSQL, Git, GitHub, Command Line, SQLAlchemy

## PROJECT

### Hit the Spot: A Neighborhood Exploration App

*Hit the Spot uses the Yelp and Mapbox APIs to inspire users to get to know the fine establishments around them*

**Tech stack:** Python, JavaScript, AJAX, HTML, CSS, SQL, SQLAlchemy, Flask, Jinja, jQuery, Bootstrap

**Github link:** [https://github.com/BeeNeal/hit\\_the\\_spot\\_neighborhood\\_exploration.git](https://github.com/BeeNeal/hit_the_spot_neighborhood_exploration.git)

## WORK EXPERIENCE

### NLP Software Engineer Intern

*Midea America Corp*

**Jul 2018 - Present**

**San Jose, CA**

- Improved performance of the smart air conditioning Q&A chatbot through text classification using fastText
- Compared accuracy of various NLP models such as SVM, Naive Bayes, and fastText to optimize chatbots
- Built an annotation web app where files are read, highlighted by the user, and tagged accordingly

### Project Manager

*TransPerfect Translations*

**Feb 2016 – Oct 2017**

**San Francisco, CA**

- Utilized computer assisted translation tools to maximize profitability, efficiency, and quality
- Coordinated collaboration between cross-functional teams spanning over 5 time zones
- Took ownership over production elements for a VIP client grossing TransPerfect over \$1 million/year

### Substitute Teacher

*Brentwood Unified School District*

**May 2015 – Feb 2016**

**Brentwood, CA**

- Lectured and carried out lesson plans for classes of 5-35 students, grades k-8

## EDUCATION AND TRAINING

Hackbright Academy

**Jan 2018 - Mar 2018**

*Software Engineering Fellowship*

Accelerated, 12-week, software engineering program for women.

Built full-stack web app in four weeks.

University of California at Santa Barbara

**Sep 2010 - Jun 2014**

**Bachelor of Arts, Linguistics with Spanish emphasis**

3.75

Graduated Magna Cum Laude, Phi Beta Kappa