



bren-a.github.io

#### Contact Information

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#### Address

425 University Ave  
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#### Programming Languages

- Python
- C/C++
- HTML/CSS
- Java
- Lisp
- Haskell
- OCaml
- Prolog

#### Skills

- Bash
- UNIX/LINUX
- LaTeX
- MS Office

#### Languages

- English
- Tagalog
- French

# Brendan Alger

## UCLA Graduate

### Education

**University of California, Los Angeles (UCLA): June 2019**

Computer Science and Linguistics

### Experience

**April 2017 - present: Megamadz Mobile Advertising**

*Programming Intern*

Job Details:

- Assisted in implementing new technologies to digitize company workflow
- Implemented a fax to email converter in Javascript using Twilio and Sendgrid API.
  - Decreased reliance of physical documents led to increase in organization and productivity.
  - Resulted in lower material expenses, decreasing overall cost of operation.

**Jun 2017 - Jun 2019: UCLA Recreation**

*Head Lifeguard*, Apr 2018 - present; *Lifeguard*, Jun 2017 - Apr 2018

Job Details:

- Develop and lead employee training exercises once a month.
- Work in small groups during high pressure situations.
- Assess situational risk and manage it accordingly.
- Mediate disputes and listen to the concerns of patrons and staff.
- Observe hundreds of people concurrently and proactively scanning the environment to ensure everyone's safety.

### Projects

**2019, [bren-a.github.io](https://bren-a.github.io)**

Designed my own website from scratch.

Project Details:

- Written using HTML, CSS, and Javascript/JQuery.
- Developed a responsive viewing experience.
  - Uses a "mobile-first" approach in development.
  - Implemented CSS grid in order to easily scale using screen size.

**2019, *Reddit Bot***

Created a bot for social media site Reddit.

Project Details:

- Discovered that Reddit has no simple way to follow posts about a specific topic.
- Solved this problem by creating a program in Python using Reddit's API
  - The API allows easy interaction and data manipulation of Reddit's website.
  - User gives bot a list of subreddits and key words that they want to track.
  - Bot will periodically call the Reddit API and collect data from the given subreddits.
  - Python then parses and filters the data based on the keywords.
  - Bot will then send a message to the user notifying them of the posts.