



bren-a.github.io

Contact Information

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Address

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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 - Jun 2017: 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

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.