

Sean Bristol-Lee

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Summary

I am a passionate full stack web developer with a web development certificate from UC Berkeley Extensions. I have a lot of experience working in a team environment given my background in film and the health field. I learned the importance of paying attention to detail from my experience in film production, and I also learned the importance of practical solutions from my experience of working with hospital patients in the physical therapy field. My past experiences have taught me how to stay focused in face-paced and stressful environments such as working with patients in the intensive care unit while understanding the importance of maintaining a positive work attitude in diverse team settings where ideas can potentially conflict. I firmly believe from personal experience that some of the best and most creative solutions stem from a diverse team where ideas potentially collide, but the final product is a result of collaboration and compromise.

Technical Skills

Softwares/Platforms: VS Code, IntelliJ, Unreal Engine 4, Procreate, Excel, Power Point, Word, Git Bash

Software Languages: JavaScript, HTML, CSS, Java

Projects

Stability | GitHub: <https://github.com/oriarh/STABILITY> | **Demo:**

<https://oriarh.github.io/STABILITY/>

- This web application is designed to help users gain control over their mental well being by tracking their diet, exercise, sleep, and mood. This app makes a prediction of someone's mood based on fixed regression coefficients that are multiplied by the user's previous state(s).
- My responsibilities included work on the front end such as setting up the local storage, implementing chart.js to create visual graphs for the user, and creating the overall look of the application using html and css.
- Tools used: JavaScript, html, css, pure, moment.js, chart.js, RapidAPI

Happy Helpers | GitHub: <https://github.com/HawaFallay/Happy-Helper-> | **Demo:** <https://happy-helpers-app.herokuapp.com/>

- Happy Helpers is a website designed to help users who have been recently discharged from the hospital and need help with daily activities that may be difficult to complete on their own. Users can sign up and request help with daily activities such as getting groceries while some users can sign up as a volunteer and offer help to users requesting help.
- My responsibilities for this project included setting up the backend servers, setting up SQL with sequelize, accessing the database from the front end, and creating the front end for the helpers page using javascript, html, and css.
- Tools used: Javascript, node, express, SQL, sequelize, handlebars, html, css, moment.js

Hack Blog | GitHub: <https://github.com/SeanBL/hack-blog> | **Demo:** <https://hack-blog.herokuapp.com/>

- The Hack Blog is a blog site where users can sign up with an account and post anything they would like on any topic. Once signed in, users can create posts, update posts, delete posts, or comment on other users' posts.
- This was an individual project which means I was responsible for setting up the backend server, setting up SQL with sequelize, creating the front end with handlebars, encrypting passwords using bcrypt, and setting up the user authentication with JSON web tokens during signup and login.
- Tools used: Javascript, node, express, SQL, sequelize, handlebars, html, css, moment.js, JWT, Bcrypt, Insomnia

Smart Stack | GitHub: <https://github.com/oriarh/Smart-Stack> | **Demo:** <https://smart-stack.herokuapp.com/>

- Smart Stack is a website for bootcamp graduates who want to quickly review concepts in a flashcard format. Users simply signup or login to access the flashcards.
- My responsibilities for this project include setting up the backend servers, setting up MongoDB with mongoose, setting up the user authentication using JWT and Bcrypt for password encryption, connecting the frontend with the backend using GraphQL, and creating the frontend using javascript, REACT, HTML, and CSS.
- React, Javascript, HTML, CSS, Node, Express, Apollo Servers, GraphQL, MongoDB, Mongoose,

Relevant Experience

Student Physical Therapist

2019 - 2021

SF Veterans Affair, Acute Care
Sutter Health Rehabilitation, Acute Rehab
Alliance Physical Therapy

San Francisco, CA
Roseville, CA
Aptos, CA

As a student physical therapist I worked with patients in a variety of settings ranging from professional athletes in an outpatient setting, to teaching patients how to walk again in the intensive care unit after having a stroke. My experience in these settings especially in the hospital setting has helped honed my communication skills not only with my patients but with a healthcare team. I learned how to talk with patients to gain their confidence in me, and I learned how to communicate and work efficiently with a diverse health care team where the patients' well being always came first. Many of the patients I worked with were in a fragile state, being hooked up to heart rate monitors and blood pressure monitors, which forced me to stay focused under pressure and taught me to pay attention to fine details. My experience in the hospital setting has given me strong communication skills within a diverse team setting where effective collaboration produces practical solutions for the patient or in this case the user/client.

Key Accomplishments:

- In all three settings, I was asked to apply for full time positions as a physical therapist.
- I earned the trust of my clinical instructors and was allowed to direct volunteers to help me during patient treatment sessions in the intensive care unit.
- In all three settings, I received multiple requests from patients to have me as their main physical therapist.

Graduate Teaching Assistant / Researcher
University of California Los Angeles
San Francisco State University

2012-2014
Los Angeles, CA
San Francisco, CA

As a graduate teaching assistant and researcher, I learned how to develop my public speaking skills delivering undergraduate class lectures at UCLA and SFSU. As a graduate student I had to balance my time between my studies while preparing lectures for class, advising students during office hours, and grading student papers. This experience not only taught me how to manage heavy workloads and meet deadlines, but it also built self confidence and leadership skills. The film studies program at UCLA is a rigorous department, and teaching UCLA undergraduates has really forced me to think critically. This critical thought process has helped me to approach real world problems with creativity and imagination. My experience as a graduate student in academia has prepared me for the rigors of product development where deadlines need to be met, and realistic goals need to be set. I feel very comfortable taking a leadership role if the task requires it, and I am equally happy to follow someone else's lead if another team member is designated as the lead.

Key Accomplishments:

- I received the Eugene V. Cota-Robles Fellowship award upon my acceptance to the Phd film studies program at UCLA. The fellowship amounted to over \$100,000 to cover tuition costs.

Additional Experience

Programmer

2001

Walkie Talkie

San Francisco, CA

Walkie Talkie was a business plan proposal that I proposed in my final year as a DPT student at UCSF. Three of my classmates and I created a business plan to make a phone app that would provide a walking service for seniors to promote physical and mental health. As physical therapy students from UCSF, we collaborated with business and tech majors from UC Berkeley to make the business proposal a reality. I specifically worked on creating the app using Swift. This experience taught me a lot about team collaboration, how to deal with team conflicts, and the legal obstacles of developing a phone app that provides a service.

Key Accomplishments:

- As a joint effort between UCSF and UCB, we received a \$5000 dollar grant from the UCB Ignite Grant to get the business idea started.
- Business proposal link: [📄 Walkie Talkie_Ignite Grant_Spring 2021](#)

Education

Coding Bootcamp Certificate: University of California, Berkeley, CA

2023

This was a 6 month intensive program aimed at teaching students the necessary skills to become proficient full stack web developers.

Doctor of Physical Therapy: University of California, San Francisco, CA

2018-2021

Masters in Cinema Studies: San Francisco State University

2008-2012

Bachelors in Film: San Francisco State University

2005-2008