

## **Brandon M. Lewis - Full Stack Engineer- Sacramento, CA**

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### **TECHNICAL SKILLS**

**Languages:** HTML5 | CSS | Javascript(ES6, Node.js) | Python | Java | SQL

**Libraries & Frameworks:** Node/Express | Flask | Jinja2 | React | React Native | AJAX | Bootstrap | Tailwinds | Axios

**Databases:** MongoDB | MySQL

**Technologies & Dev Tools:** Git | Git Bash | Github | AWS | MySQL Workbench | JSON | REST API | Postman

### **TECHNICAL PROJECTS**

**Play Action Picks - Full Stack Engineer** - MongoDB, Express, React, Node.js, Tailwinds, Axios, AWS - [Repo](#)

A gamified NFL pick'em platform where friends can compete to see who's the best at selecting which teams will win each week.

- Used Axios to make HTTP request to SportsRadarAPI to retrieve live NFL data and to handle client to server communication
- Prioritized security by implementing Bcrypt to encrypt sensitive user information and by leveraging the power of JSON Web tokens to securely transmit information between the client and server
- Powered my application with the React library to create a dynamic user experience and limit page redirects and refreshes
- Developed backend validations to verify information being submitted
- Architected a responsive design with Tailwinds for a consistent user experience

**Trade Champs - Full Stack Engineer** - Python, Flask, MySQL, Jinja2, Javascript, Tailwinds, AWS - [Repo](#)

Trade Champs is an application designed for fantasy football players to help with their fantasy roster decisions

- Integrated [Sleeper App API](#) data via Python requests to get users, players, rosters and leagues
- Stored relevant player information for over 15000 NFL players into MySQL via Sleeper API
- Leveraged Flask framework for routing and quick implementation of different features using Jinja2 syntax.
- Employed Javascript to create a more dynamic UX

### **EXPERIENCE**

***Kaiser Permanente Bernard J. Tyson School of Medicine, Pasadena, California***

**Medical Student**

July 2021 – July 2022

Clinical Experience:

- Assessed over 200 patients in a primary care clinic from varying demographics
- Assessed patients' chief complaints, medical history, and social history in order to identify and create a list of possible diagnoses. This experience harnessed the skills of empathy, intentional listening, leadership, teamwork, and communication
- Simplified complex medical topics to non-medical jargon that non-medical professionals could understand

Curricular Experience

- Top half of my class at one of the most difficult schools to attend in the country; 70-100 hours per week commitment
- Co-led a high school mentorship program with UMMA Community Clinic for eight student health leaders from an under-served community to be a resource to them as their higher education aspirations.

***Sutter Amador Hospital, Jackson, California***

**Emergency Department Scribe**

October 2019 – January 2021

- Delivered of high-quality medical documentation in tight timeframes for ED physicians in order to improve the patient treatment experience and time efficiency of the emergency department

### **EDUCATION**

***Coding Dojo*** | Software Development Bootcamp | September 2022 - December 2022 | *Online Program*

***Kaiser Permanente Bernard J. Tyson School of Medicine*** | July 2021 - July 2022 | *Pasadena, California*

- Full Scholarship; 90th Percentile score on Medical College Admissions Test (MCAT): 514

***University of Washington*** | Class of 2019 | Bachelor of Arts: Mathematics | *Seattle, Washington*

- Lettered, Full Scholarship Student Athlete; 2015 Pacific-12 All-Academic First Team; Shaped a championship-level culture (2016 Pacific-12 Conference Champions & 2016 College Football Playoff Finalists) - 2014 - 2017
- Football Recruiting Intern - 2017 - 2019