

# Samuel J. Higa

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## TECHNICAL SKILLS

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**Technologies:** JavaScript, Front-End Development (CSS, HTML5), React.js, Node.js, Express.js, MongoDB, Mongoose ODM, Jest, jQuery, JSON Web Token (JWT), Apollo GraphQL, MERN Stack, Webpack, Unit Testing, Object-Oriented Programming (OOP), MySQL, Sequelize.js, Fetch and AJAX, Server Side APIs, Web Services APIs, Bootstrap, CLI, Git

## TECHNICAL EXPERIENCE

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### **Park App** *Software Engineer*

- Developed a responsive web application using React for the flexibility and usability it offers and employed MD Bootstrap for a clean and modern design
- MongoDB was used as the database for storing users' data and profile information for efficient data management
- Implemented user authentication, enabling seamless login and account creation through the utilization of JWTs to ensure a secure session
- Designed functionalities for creating/renting parking spots and providing users with easy access to their activity history with the use of libraries such as React Date Picker

### **Gymder** *Software Engineer*

- Demonstrated strong communication skills to establish an optimized workflow within a collaborative team setting
- Developed a dynamic web application utilizing Express, Handlebars, Bootstrap for a friendly and intuitive UI that follows the pattern of similar well-known app layouts
- Employed MySQL2 to manage and safeguard user information, enhancing security for the system
- Designed and implemented user authentication functionalities, facilitating seamless login and account creation
- Engineered swipe and match features with the use of Hammer.js, enabling users to connect with potential gym partners and communicate with real time chat through Socket.io

### **Emojify** *Software Engineer*

- Utilized jQuery to bridge the gap between JavaScript and HTML, facilitating efficient manipulation of DOM elements, event handling bringing in a smooth interface for users
- Open Emoji API and Streaming Availability Rapid API were used to pioneer an innovative application assessing user moods via emojis and seamlessly connecting these emotions to personalized movie recommendations

### **PWA Text Editor** *Software Engineer*

- Designed and executed the creation of a Progressive Web Application (PWA) text editor, built primarily on Javascript and Node.js for a simple and hassle-free experience
- Facilitated users in seamlessly composing, storing, and accessing notes and code snippets with the use of IndexedDB
- Implemented features including service workers built upon webpack-pwa-manifest and workbox-webpack-plugin to ensure uninterrupted online and offline functionality also enabling users to effortlessly download the application

## PROFESSIONAL EXPERIENCE

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### **Wafi Media** *Social Media Marketing Intern*

*Aug 2022-Dec 2022*

- Collaborated with cross-functional teams to transform concepts related to Hispanic pop culture into impactful content, leveraging my distinctive Hispanic perspective while upholding a consistent brand voice
- Kept track of quantifiable data collected via social media and external communications for organization reports
- Conducted research, crafted engaging articles, and provided editing support to enhance existing content

## EDUCATION

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### **University of California, Berkeley** *Full Stack Web Development Certificate*

*June 2023*

A 12-week intensive program focused on gaining technical programming skills in HTML, CSS, Javascript, JQuery, Bootstrap, Node.js, MySQL, MongoDB, Express, Handlebars.js, and ReactJS.

### **University of California, Santa Barbara** *Bachelor of Arts*

*June 2022*

**Relevant Coursework:** Comm Technology, Collaborative Technologies and the Dynamics of Organization

**Clubs:** UCSB Sports Management Club, UCSB Japanese Student Association

## PUBLICATIONS

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Medium - "[Homebrew, But Why?](#)"

Todo Wafi - "[A History of Latinos in the NBA and Their Impact](#)"

Todo Wafi - "[The First Athletes of the Americas: The Ballgames of Mesoamerica](#)"

## PERSONAL INTERESTS

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Sports (Lakers, MMA) | Cars | Weight Lifting | Hiking | Biking | Video Games | Reading (*War Horse*, *Count of Monte Cristo*, and most recently, *Mother Night*)