

Samuel J. Higa

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TECHNICAL SKILLS

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

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, and 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, and 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 download the application effortlessly

PROFESSIONAL EXPERIENCE

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

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

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

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