

Carlos Alba

Hacker, Lover of Javascript and Software Developer.

1716 Marshall Ct
Los Altos, CA 94024
(415) 900-8591
calba5141114@gmail.com
github.com/calba5141114

SKILLSET

Node.js

I am familiar with the Node.js runtime and the V8 engine. I use Node to write application servers, get small projects completed and to experiment with new technologies. I use Express, NPM, Yarn and Mongoose for building Restful API implementations.

MongoDB

I write Schemas and Data Models with Mongo using the Mongoose Library in Node.JS

Data-Interchange Formats

I have worked with JSON, XML, and YAML I use them for API responses and API calls. I like to use YAML for making lists of information because of its clean formatting. JSON is what I use with this in Javascript and has a nice nesting style for readability. I have a grasp of XML but only use it on Android UI.

React.js

I use React for building data heavy frontend applications and manipulating the data for user viewing.

Bash and Git VCS

I use the command line on both Linux and Mac OSX for my projects. I am very familiar with Windows cmd I can write bash scripts and work with command line tools like Git.

General Computer Science Skills

I have a foundation in Computer Science with knowledge of data structures, algorithms, low-level computer software and Operating systems.

INTERESTS

Alternative and Synthpop Music

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Veganism and Urban Farming.

Computer Programming

Economics.

Architecture and Urban Design.

Shopping.

World Culture.

LANGUAGES

English and Spanish.

EDUCATION

Make School - San Francisco CA

August 2018 - August 2020

Homestead High School - Cupertino CA

September 2014 - May 2018

PROJECTS

Junior Youth Spiritual Empowerment Program - *Mentor*

JYSEP founds community organizations in neighborhoods with the goal of helping youth develop into strong and mindful adults. I was an Animator and Mentor which meant that I would teach the kids Morals through lessons and games.

Latino Student Concord - *Club President*

Our area lacked a community organization for Latinos; So I and a partner formed Latino Student Concord. Our meetings would comprise of Socratic Seminars on important topics in the Latino community, dinners, and fundraisers for charity.

HS Hacks 2017 - *Frontend Developer*

I participated in the thousand member hackathon with a team of three other students. We wrote an application called "AdSwiper" the point of the game was to swipe away ads and gain points for it. I created a site for the game using HTML, CSS and Vanilla Javascript

Los Altos Hacks 2018 - *Javascript Developer*

I created an application for users to post one lesson they learn everyday members can read and learn about their communities.
It uses Javascript, Firebase, HTML, and CSS.

Gunn Hacks 2017 - *Javascript Developer*

Our hackathon winning chat application was called BladeChat it allowed you to input another users code and message them directly it was discreet and encrypted. BladeChat is running on JS, HTML, CSS and Java.

Paly Hacks 2018 - *Backend Developer*

Gutenberg was an application that would translate conversations through two clients I wrote the server that powered the chat application using the Google Cloud API suite that would allow one user to send a message in one language and another to receive it in a different language. It was powered by Node.js, Google Cloud and Python.

Harker Hacks 2018 - *Team Leader*

I took on a team of six first time hackers I had teach them all how to use React, Javascript and build a basic server with Node. We were creating an app to help hire landscapers it was a challenge they threw questions at me left and right and I would

teach one participant how to respond to a get request while I taught the other how to send one.

Personality Traits

Fast Learner

I am able to learn new concepts and ideas very quickly. Being from an area and field where new technology is constantly advancing, I believe that I must learn to adapt to my surroundings. I have always said that I am willing to learn anything new in 15 days or less.

Team Leader

I am very confident in myself and in my work, I know how to lead others and make a good team work together. I strongly believe in teamwork and communication. I also believe in learning from others work and taking productive criticism.

Work Ethic

I am always ready to work and to learn. I am extremely punctual and almost always arrive 15-20 minutes before work.

Positive Attitude

I love making light humor with my friends and peers and I have a great attitude about working with others even when the going gets rough.