

John Gamboa

👤 johngamboa.github.io
✉ johnhadriangamboa@gmail.com
☎ (858) 538-7967

in jhgamboa
🌐 johngamboa
📱 (858) 230-5631

Education

UC San Diego

B.S. in Computer Engineering
Overall GPA: 3.285
Upper Division Major GPA: 3.375
Graduated June 2017

Relevant Coursework

Web Client Languages
Advanced Software Engineering
The Art of Product Engineering
HCI Programming Studio
Interaction Design
Usability and Information Architecture
Design and Analysis of Algorithms
Advanced Data Structures

Skills

Languages

Java	JavaScript
Python	HTML
CSS	C

Technologies

Vue.js	Node.js
Express	MongoDB
React	MySQL
Docker	AngularJS

Involvement

SD Hacks Fall to Winter 2016 Tech Team

Responsible for technical aspects of hackathon. Set up and managed mentor queue web application that allowed participants to request mentors.

UCSD Circle K Summer 2014 Tech Team

Built aspects of organization's website with Angular that allows users to easily register for, create, and view social and service events.

Experience

Perspectium

Summer 2016

Software Developer Intern

Developed new features of Observer and Dashboard web applications with jQuery, Java EE and MySQL which provide solutions for ServiceNow and Salesforce administrators and developers to monitor and analyze instance metrics. Implemented new functionality of Replicator Agent for real-time application-database replication and application synchronization cloud integration services with Java EE and MySQL.

Reflexion Health

Summer 2015

Software Engineering Intern

Developed new features of web clinician application with Angular that allows clinicians to customize physical therapy exercise plans to be completed by patients via Kinect/Unity patient application. Built hybrid application proof-of-concept with Angular and Ionic that allows patients to track therapy session exercise progress and to perform/self-report exercises on mobile. Visualized patient data with C3.js and constructed new features of internal analytics application with Ruby on Rails and Angular.

Projects

IoTea

A robotic bartending device controlled by Vue.js web application. Built IoTea API for drinks and authentication with Node.js, Express, MongoDB, and Docker. Implemented IoTea Dashboard web application to create, manage, and dispense drinks with Vue.js.

Enque

Enterprise SaaS customer check-in and employee management web application built with Node.js, Express, and MongoDB. Worked as lead developer to refactor existing application code base and build form builder, patient check-in, company customization settings, and appointment scheduling features.

MagicDex

Vue and Firebase web application designed for collecting cards and managing deck builds from Magic: The Gathering. Implemented features to add, remove, and edit user-created decks and filter search cards by name.

ItzLit

Web application built with jQuery, Node.js, Express, MongoDB, D3.js, Socket.io, Google Maps API, and Passport.js designed to provide users safe and lit routes calculated based on street light density visualized as a heat map from 2012 San Diego City street light data. Visualizes live and UCSD DELPHI aggregated crime data from San Diego. Live newsfeed enables users to discuss commute conditions and safety.