

# John C. Casabar

LinkedIn

[www.linkedin.com/in/john-casabar/](https://www.linkedin.com/in/john-casabar/)

Portfolio

<https://jcsnofashepherd.github.io>

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## Work Experience

**Lumin Weddings** Website Developer [www.luminweddings.com](http://www.luminweddings.com) Jan. 2018 – July 2018

- Increased client traffic by utilizing HTML, CSS, and JS with WordPress to deploy:
  - A customized about page for listing concise personnel information
  - A listing of wedding projects robustly made to dynamically add future wedding entries
  - An info page with a designed and animated (expandable and collapsible) FAQ table
  - A contact page with a bespoke form table designed to send responses to WordPress

**Open Door Community Church** Web Dev [www.laopendoor.church](http://www.laopendoor.church) Sept. 2017 – Dec. 2018

- Assisted church members and visitors by using HTML, CSS, JS and Squarespace to create:
  - A minimalistic home page built to dynamically display new announcements and sermons
  - A sermon page with a dynamically-implemented and search-enabled categorization system to easily and quickly post sermons to the website
- Minimized unnecessary web routes and information by excising out-of-date pages and content

**Donna Lee Comics** Web Dev [www.donnahyulee.com](http://www.donnahyulee.com) July 2017 – Dec. 2017

- Improved user experience with HTML, CSS, PHP, and JS with WordPress to implement:
  - A home page equipped with a dynamic and auto-animated banner carousel
  - A post page template for ease in navigation of previous and next post pages
  - A contact page with a bespoke form table designed to send responses to site owner email

## Skills

### Languages

Proficient HTML, CSS, JS

Intermediate Java

Novice / Learning C#, Ruby

### Technologies

Intermediate Git, SASS, Bootstrap, ES6,

React, jQuery, d3, WordPress, Squarespace

Novice / Learning Redux, Node, Express, MongoDB, SQLite, Rack, Sinatra, Rails

## Projects

**Front End / Data-Visualization Applications** Apr. 2017 – Aug. 2017

- Created website applications with HTML, CSS, JS, jQuery, React, and d3
  - e.g.: A weather application based on location or search query using weather API
  - Games such as strict-enabled Simon Says, and CPU-enabled Tic-Tac-Toe
  - Tools such as a calculator, a custom Pomodoro clock, and a markdown previewer
  - Data visual displays such as a global meteor map based on meteor size and metadata and a drag-enabled graph based on border contiguity of nations

**Back End Applications** Oct. 2017 – Nov. 2018

- Implemented Dijkstra's and A\* Search algorithms in a street navigation Java applet
- Created microservices with HTML, CSS, JS, Node, and MongoDB
  - e.g.: URL Shortener, Image Search Abstraction Layer, and File Metadata Extractor

## Education

**University of California, San Diego**

B.S. Bioengineering: Bioengineering (ABET)

**GPA 3.428 / Major 3.572**

June 2018

**University of California, San Diego on Coursera**

Object-Oriented Programming in Java Certification

Aug. 2018

Data Structures and Performance Certification

Sep. 2018

Advanced Data Structures in Java Certification

Oct. 2018

**FreeCodeCamp**

Front End Web Development Certification

May 2017

JavaScript Algorithms and Data Structures Certification

June 2018

Front-End Libraries, Data Visualization, and APIs and Microservices Certifications

Mar. 2019