John C. Casabar

www.linkedin.com/in/john-casabar/
Portfolio: https://jcsonofashepherd.github.io
(213) - 399 - 4931 | johncasabar@gmail.com

Work Experience

Lumin Weddings, Website Developer www.luminweddings.com *Jan. 2018 – July 2018*
- Redesigned website to go beyond WordPress' customization limitations to meet employer's standards of conciseness and personality by utilizing CSS, JS, and code injections

Open Door Community Church, Web Dev www.laopendoor.church *Sept. 2017 – Apr. 2018*
- Applied website overhaul, rolling out configurations - such as optimizing blog and post hierarchy - and maintenance, through Squarespace and code injection

Donna Lee Comics, Web Dev www.donnahyulee.com *July 2017 – Dec. 2017*
- Implemented site layout specifications, such as user-friendly navigation and responsive design, through WordPress, PHP, and code injection

Skills

Languages
- Proficient: HTML, CSS, JS
- Intermediate: Java
- Novice / Learning: C#, Ruby

Technologies
- Intermediate: SASS, Bootstrap, ES6, jQuery, React, D3, WP, Squarespace, Git
- Novice / Learning: Redux, Node, Express, mongoDB, SQLite

Projects

Front End and 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 visuals such as a global meteor map based on meteor size and metadata and a drag-enabled graph based on national contiguity

Back End Applications *Oct. 2017 – Nov. 2018*
- Implemented Dijkstra's and A* Search algorithms in a street navigation Java applet
- Created microservices utilizing HTML, CSS, JS, nodeJS, and mongoDB
  e.g.: URL Shortener, Image Search Abstraction Layer, and File Metadata Extractor

Anti-Adhesion Biomaterial Delivery Device *Sept. 2017 – May. 2018*
- Developed with four other bioengineering students a handheld, 3D-printed prototype that delivers biomaterials of which prevent pericardial adhesions from attaching to the heart
- Created a website displaying pertinent project progression using vanilla HTML, CSS, JS: https://jcsonofashepherd.github.io/anti-adhesion-device/

Education

University of California, San Diego **GPA 3.428** / *Major* **3.572**
B.S. Bioengineering: Bioengineering (ABET) *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*