HUTSON D OLSEN

FULL-STACK SOFTWARE DEVELOPER

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EDUCATION

Certificate, Full-Stack Software
DigitalCrafts, Houston, TX 2018

M.P.H., Public Health
Yale University, New Haven, CT 2012

M.A., Social Sciences
University of Chicago, Chicago, IL 2006

B.A., Psychology & Classics, 3.78 GPA
Loyola Marymount University 2004

SKILLS

HTML5 CSS3 JavaScript

jQuery Node.js Express

PostgreSQL Sequelize

Python React Redux

Bootstrap Saas Git

MongoDB JSON Passport

Unit Testing Agile Scrum

HONORS

Susan D. Blight Scholar,
Yale University, 2010-2011

George Martelon Scholar,
Yale University, 2009-2010

Social Sciences Scholarship,
University of Chicago, 2005-2006

Official Juror, Yale Environmental Film
Festival (EFFY), 2010

PROFESSIONAL PROFILE

As a full-stack software developer and former biomedical researcher, I possess a strong eye for detail and a commitment to excellence. I use critical-thinking and creativity to solve problems and to add value to organizations, individuals, and society. The ideal interaction between the construction of models and the use of logic, software development has been my strongest skill.

EXPERIENCE

Ball, a Court Reservation App | github.com/HDOlsen/Ball | August 2018

Designed, created, and tested a web-based application that manages tennis court reservations. Administrator registration and login allow scheduling and creating of member profiles. Reservations appear as cards styled with Bootstrap.

- React, Node.js, PostgreSQL, Sequelize, and Passport.

theMapper, a Demographic App | github.com/HDOlsen/theMapper | August 2018

Designed, created, and tested an application that searches the REST Countries API and returns country demographics, Google map location, and flag. User can search any country's name.

- React, Redux, React Google Map, and REST Countries API.

Formation Houston Fitness | github.com/HDOlsen/Workout-Tracker | July 2018

Designed and created an application that stores exercise routines (e.g. swimming) and suggests workout activities in the Houston area. Wrote all code for CRUD and registration page.

- Node.js, Express, PostgreSQL, Sequelize, Mustache.js, and Bcrypt.

Houston's Pet Services Hub | github.com/HDOlsen/PetServices | June 2018

A website that allows Houston pet owners to browse and contact providers of pet services (e.g. adoption). Built profile pages with Firebase and Javascript.

- HTML5, CSS3, Javascript, Google Maps, and Firebase.

MD Anderson Cancer Center, Department of Leukemia | Houston, TX | 2016 - 2018
Research Data Coordinator/ Senior Research Data Coordinator

Built participant case forms using several databases, including Epic and Merck Inform. Improved rate of sponsor query response by 20 to 30 percent. Trained and evaluated new coordinators for the largest such group in the United States. Reduced time to study activation by 10 to 20 percent.