

# Jong Park


SOFTWARE ENGINEER / WEB DEVELOPER

## OBJECTIVE

Seeking technical and professional expertise to grow and to mold into your software department as a vital team member.

## CONTACT

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## PROFESSIONAL EXPERIENCE

### Full Stack Engineer

DAVEY RESOURCE GROUP

DEC 2017 - CURRENT

- 1) Project Management Application
  - Plan data schema at the initial project phase and create database and its related tables using SQL server. Once the planning phase is over, start migrating the database into model directory using .NET entity framework.
  - Produce SPA layout view which contains navigation bars and home view then follow with clients for review and adjust stage. As next partial views are created, repeat the sprint cycle.
  - Sketch wireframe for the main dashboard view and acquire green light to follow through with the plan. Once the plan is accepted, execute the UI related parts. These tasks can include creating multiple UI cards, determining bootstrap column system and examining responsiveness.
  - Research D3.js documentation about bar and pie charts and recognize how to integrate D3 javascript classes with JSON data. Set the dashboard controller and its actions while establishing ajax calls. Route these ajax calls to their relevant controller actions.
  - Ensure that received JSON data is transformed into required data structure and edge cases are taken cared at the server side.
  - Confirm that the charts values are displaying expected values based on clients' logic.
  - Create forms that are responsible for adding and editing projects based on prearranged wireframe. Utilize bootstrap.css and select2 JQuery library to style the views.
  - Connect SQL server to the project add/edit pages by creating ajax calls to respective project controller actions. Once the controller actions are routed, ensure that each actions have correct LINQ query CRUD statements.
- 2) Map Application
  - Research on Arcgis Javascript Api documentation and familiarize myself with the mapping application.
  - Investigate clients' previous applications and identify ways to improve the new product. This task may consist of salvaging and/or updating parts from the previous applications.
  - Create a home view with navigation and ESRI base map. Once the basic map is concluded, create map layers by connecting the app with ESRI map layer API.
  - Provide ways for ESRI map layer API to display different layers and ensure that the app can change its layer without refreshing the whole page to maximize app performance.

### Structural Engineer

GRESHAM SMITH & PARTNERS

APR 2014 - AUG 2017

- 1) Design and model structural components.
- 2) Utilize CAD software(Revit & AutoCAD) to visualize the progress.
- 3) Coordinate with various engineering disciplines to prevent any component conflict.
- 4) Assist foreign clients and internal teammates on communicating.

## EDUCATION

### Full Stack Bootcamp Certification

DIGITAL CRAFTS

SEP 2017 - JAN 2018

### Master Degree - Structural Engineering

FLORIDA STATE UNIVERSITY

DEC 2013

### Bachelor Degree - Civil Engineering

FLORIDA STATE UNIVERSITY

DEC 2012

## LANGUAGE



## LIBRARY / PLATFORM

