# W. Jamie Vaughn

Web Developer, Engineer

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**(585) 773-3268**
Rochester, NY based
Citizenship: USA

## SKILLS

- ❑ Creating interactive web apps/pages with javascript
- ❑ Knowledgeable of object-oriented and functional paradigms, computer science, data structures, algorithms, unit testing.
- ❑ Excellent technical/engineering customer-support ability.
- ❑ Professional writing/presenting & Microsoft Office Suite (I do Freelance copywriting on the side)
- ❑ Data analysis, manipulation, and presentation

## PROJECTS

**Sheep Roster & Feed Optimizer**
Javascript web app for managing sheep flock and nutrition needs

**Petrolio**
Javascript platformer game. Discover & drill for oil efficiently

**Amazing Graze**
Javascript webgame. Operate a sheep ranch w/ careful strategies

**Heliocrat Website** — *heliocrat.com*
Technical Blog on energy, thermodynamics, systems simulation

**FreeCodeCamp Projects** — *codepen.io/heliocrat*
Quote Generator, Weather App, Twitch.tv viewer, Pomodoro Timer, Wiki viewer,  Calculator App, Simon Says game, Tic Tac Toe game,

## EXPERIENCE

**Via Upwork.com,** Remote/Telecommute
*Freelance Web Developer/Designer –* since Feb 2017

**NRG Home Solar,** Henrietta, NY
*Solar Site Analyst –* Nov 2015 - Aug 2016

**Ambrell Induction Heating,** Scottsville, NY
*Applications Engineer –* May 2014 - Oct 2015

**Bausch + Lomb,** Rochester, NY
*Environmental, Health & Safety Engineer –* May 2011 - Aug 2012

**Logos Energy,** Cleveland, OH
*Fuel Cell Laboratory Engineer Co-op –* 2008 - 2009

**General Electric,** Cleveland, OH
*Halogen Technology Engineer Co-op –* 2007 - 2008

## LANGUAGES

**Javascript, HTML5/CSS/ ES6, Node.js, Python, AMPL, NLOpt, SQL, MongoDB**
<u>Javascript libraries:</u>
   jQuery
<u>Python libraries:</u>
   Pandas, Numpy, Seaborn

## CERTIFICATIONS

**FreeCodeCamp.com:**
- ❑ Front End Development
- ❑ Back End Development
- ❑ Software Engineering

## EDUCATION

**FreeCodeCamp.com**
*Front-End/Back-End Coding Bootcamp –* 2016 - 2017

**Case Western Reserve University,** Cleveland, OH
*B. S., Materials Engineering –* 2004 - 2009

**Rochester Institute of Technology,** Rochester, NY
*Finished course reqs. for M.S., Systems Engineering –* 2010 - 2012

## VOLUNTEERING

**Code Brigade for America** –
Rochester Chapter

**Rochester Americorps Alumnus -** *2009-2010*