

W. Jamie Vaughn

Web Developer, Software Applications Engineer

william.vaughn@case.edu
(585) 773-3268
Rochester, NY based
Citizenship: USA

SKILLS

- ❑ Web design/development of single page apps with Javascript Frameworks like VueJS
- ❑ Coding in object-oriented or functional programming paradigm
- ❑ Computer science ■ Data structures ■ Algorithms ■ Unit testing
- ❑ Technical customer-support ■ Reliable, team-oriented ethic
- ❑ Professional writing/presenting & Documentation, copywriting
- ❑ Data analysis: cleaning, processing, interpreting and presentation

PROJECTS

JamieVaughn.Github.io - (Portfolio)

- ❑ Showcase of personal web projects and apps

Sheep Roster & Feed Optimizer App — (VueJS)

- ❑ Vue.js web app for managing sheep flock and nutrition needs

FreeCodeCamp Projects — (JS)

- ❑ Quote Generator, Weather App, Twitch.tv viewer, Pomodoro Timer, Wiki viewer, Calculator App, Simon Says game, Tic Tac Toe game

HunterClicker Game - (HTML/CSS/JS)

- ❑ Javascript webpage. Idle clicker with careful strategies.

Heliocrat.com - (HTML/CSS)

- ❑ Designed personal blog on energy/thermodynamics topics

EXPERIENCE

via Upwork.com, Remote/Telecommute

Freelance Web Developer/Designer - Jan 2017 - Present

- ❑ Use HTML/CSS/Javascript to create pixel perfect client projects

NRG Home Solar, Henrietta, NY

Solar Site Analyst - Nov 2015 - Aug 2016

- ❑ Collect and evaluate data on over 300 solar customer sites.
- ❑ Provide life-cycle energy forecast from data/calculations using Solmetric software & other software tools.

Ambrell Induction Heating, Scottsville, NY

Applications Engineer - May 2014 - Oct 2015

- ❑ Develop applications in a manufacturing setting to improve process efficiency and help automate customer systems.

Bausch + Lomb, Rochester, NY

Environmental, Health & Safety Engineer - 2011 - 2012

- ❑ Develop database tracking Manufacturing KPI's in mfg. process
- ❑ Interpret data on defect rates, process emissions, productivity.

Logos Energy, Cleveland, OH

Fuel Cell Laboratory Engineer Co-op - 2008 - 2009

- ❑ Analyze experimental data on electrode corrosion in fuel cells

General Electric, Cleveland, OH

Halogen Technology Engineer Co-op - 2007 - 2008

- ❑ Improved thermal efficiency of IR+ product by acid etching

TECHNOLOGIES

Web:

HTML5, CSS, jQuery, Git
Javascript, ES 2017, Vue.js
Node.js, Python, Photoshop

Database:

Firebase, GraphQL, SQL

Data Analysis:

AMPL, NLOpt, D3.js
Pandas, Numpy, Seaborn

CERTIFICATIONS

MCC Professional Cert.:

- ❑ Web Design
- ❑ Javascript Design
Patterns/Frameworks

FreeCodeCamp.com

Front-End Certification:

- ❑ Web Development
- ❑ Software Engineering

EDUCATION

Monroe Community

College, Rochester, NY

Front-End Developer

Professional Certification -

July - Dec 2017

FreeCodeCamp, 2016 - 2017

Front-End Coding Bootcamp -

Rochester Institute of

Technology, Rochester, NY

*Finished course reqs. for M.S.,
Systems Engineering*

Case Western Reserve

University, Cleveland, OH

B. S., Materials Engineering -

*Fuel Cell Research Grant
Recipient*

VOLUNTEERING

**Rochester Americorps
Alumnus**