W. Jamie Vaughn

Software Engineer & Front End Developer

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

SKILLS

Web development of single page apps with JS & VueJS
Object-oriented & functional paradigms ■ Computer science
Unit testing ■ Databases ■ Algorithms ■ MVC Pattern
UI/UX ■ Design ■ Animations ■ Mobile Responsiveness
SQL ■ NoSQL ■ RESTful API knowledge ■ GraphQL ■ ACID
Async Patterns: Promises, Observables, Generators, CSP
Data analysis, manipulation, and presentation

TECHNOLOGIES

HTML5, CSS, jQuery, Git
Javascript, ES 2018, Vue.js
Node.js, D3.js, Handlebars

SQL, GraphQL, Firebase

Python, Pandas, Numpy,
Seaborn, AMPL, NLOpt

PROJECTS

WJV.io – (Portfolio)
- Livestock Roster & Nutrition Management App
- Designed own blog site: Heliocrat.com
- Projects: Weather App, Calculator, and games

PublicSeek.com – Background Checking App
User Manager App – Zendesk.com Customer Support Tool
Moartraffic.com – Inquiry Landing Page
Moaroffers.com – Affiliate Account Portal

PROFESSIONAL CERTIFICATIONS

Monroe Community College:
- Software Engineering
  - July – Dec 2017

FreeCodeCamp.com Cert.:
- Front End Developer
  - 2016–2017

EDUCATION

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

Case Western Reserve University, 2004-2009
- *B. S., Materials Engineering*
- *Fuel Cell Student Researcher*
  - 2005

INTERNSHIPS

Logos Energy, 2008-2009
Fuel Cell Engr - Electrode Corrosion

General Electric, 2007-2008
Halogen Engr - IR+ Optical Coatings

EXPERIENCE

CMP Tech, Rochester, NY
Front End Software Developer – Sept 2017 - Present
- Compose performant, maintainable code for consumer, subscription-based web products/apps.
- Use HTML/CSS/Javascript & modern web development tools to re-architect the marketing funnels into reusable templates

via Upwork.com, Remote/Telecommute
Freelance Web Developer/Designer – Jan 2017 - Oct 2018
- Use HTML/CSS/JS to make pixel perfect products for clients such as NR-Systems Ltd., AddictionResource.com, CustomerDevLabs.com & Chromebooksforkids.com

NRG Home Solar, Henrietta, NY
Solar Site Analyst – Nov 2015 - Aug 2016
- Collect and evaluate data on over 300 solar customer sites.
- Forecast life-cycle energy output using data/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 fulfillment.

Bausch + Lomb, Rochester, NY
Environmental, Health & Safety Engineer – Jun 2011 - Jun 2012
- Develop database to track product KPI's in mfg. Process