

WILLIAM CRUTCHFIELD

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WORK EXPERIENCE

Tech Wizards, Inc. *Software Engineer I*

Dahlgren, Virginia (Remote)
February 2020 - Present

- Supported the Surface Training Advanced Virtual Environment Combat Systems (STAVE-CS) Virtual Maintenance Trainer (VMT) projects, a collection of Unity-based virtual world maintenance trainers.
- Designed and developed the Operational Readiness Test System (ORTS) for the STAVE-CS VMT projects. Leveraged real-world big data to dynamically construct a virtual ORTS instance based on the appropriate STAVE-CS VMT project.
- Led a small team of developers and managed a business relationship with Lockheed Martin engineers to assist with the development of ORTS for the STAVE-CS VMT projects.
- Key developer for an internal group of assemblies that increased the overall stability and development speed across all STAVE-CS VMT projects.

City Mechanical, Inc. *Software Engineer*

Hercules, California (Remote)
September 2016 - Present

- Designed, developed, and deployed the company's website.
- Developed internal form system and API to improve day-to-day operations for field and office employees.
- Improved overall satisfaction for customers and employees, leading to an increase in revenue and operational efficiency.

Masters Woodworking, Inc. *Freelance Web Developer*

Half Moon Bay, California (Remote)
September 2017 - June 2021

- Re-designed and developed their current website leading to an increase in customer acquisition.
- Optimized performance of the overall website - vastly improving load times.

Young Guns Hunt Club *Freelance Web Developer*

Bel Alton, Maryland (Remote)
June 2017 - August 2019

- Designed, developed, and deployed the non-profit organization's website.
- Developed and integrated a Facebook newsfeed and photo gallery, keeping website content updated in real-time.

SKILLS

Languages (Strong): C#, JavaScript, TypeScript, HTML, CSS, SCSS
Languages (Familiar): Java, SQL
Frameworks: React, NextJS, Serverless
Tools: Visual Studio, VSCode, GitKraken, Photoshop, Ableton Live

PROJECTS

clutchd/ui *TypeScript, JavaScript*

<https://github.com/clutchd/ui>

A React component library built for Vercel, designed by Clutchd.

EDUCATION

University of Maryland Global Campus BS Computer Science *GPA: 3.9*

Adelphi, Maryland
Sep 2015 - May 2019

AWARDS

Dean's List

Recognized for earning a GPA of at least 3.5 in a term while completing at least 6 credits and maintained a cumulative GPA of 3.5 or higher.

University of Maryland Global Campus
Fall 2015 - Spring 2019

Magna Cum Laude

Recognized for graduating with a cumulative GPA of 3.901-3.999.

University of Maryland Global Campus
April 2019