WILLIAM CRUTCHFIELD

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https://github.com/CrutchTheClutch

EDUCATION

University of Maryland University College   Adelphi, Maryland
BS Computer Science *GPA: 3.9*   Sep 2015 - May 2019

WORK EXPERIENCE

Tech Wizards, Inc.   Dahlgren, Virginia (Remote)
Software Engineer I   February 2020 - Present

- Supporting the Surface Training Advanced Virtual Environment Combat Systems (STAVE-CS) Virtual Maintenance Trainer (VMT) projects, a collection of Unity-based virtual world maintenance trainers.
- Designing and developing the Operational Readiness Test System (ORTS) for the STAVE-CS VMT projects. Leveraging real-world big data to dynamically construct a virtual ORTS based on the appropriate STAVE-CS VMT project.
- Lead a small team of developers as well as manage a business relationship with Lockheed Martin engineers to assist with the development of ORTS for STAVE-CS VMT projects
- Key developer for an internal group of assemblies that increase the overall stability and development speed across all STAVE-CS VMT projects.

Masters Woodworking, Inc.   Half Moon Bay, California (Remote)
Contract Web Developer   September 2017 - Present

- Developed, optimized and redesigned their existing WordPress website which lead to an increase in client acquisition (https://www.masterswoodworkinginc.com/).
- Currently undergoing a complete rework of the existing website with NextJS and Vercel (https://dev.masterswoodworkinginc.com/).

City Mechanical, Inc.   Hercules, California (Remote)
Web Developer / IT Manager   September 2016 - Present

- Designed, developed, and deployed the company's website (https://www.citymechanical.com/).
- Website developed with NextJS and Vercel (https://github.com/city-mechanical/city-mechanical-website)
- Developed tools to optimize day to day operations and for field and office employees

Young Guns Hunt Club (Remote)   Bel Alton, Maryland
Contract Web Developer   June 2017 - August 2019

- Designed, developed, and deployed the non-profit organization's website (https://yghc.org/).
- Created from the ground up with the WordPress platform.
- Implemented a live Facebook feed and photo gallery.

SKILLS

Languages (Strong):	C#, JavaScript, TypeScript, HTML, CSS, SCSS
Languages (Familiar):	Java, Python, SQL
Frameworks:	React, NextJS, Bootstrap
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.

AWARDS

Dean's List   University of Maryland University College
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.   Fall 2015 - Spring 2019

Magna Cum Laude   University of Maryland University College
Recognized for graduating with a cumulative GPA of 3.901-3.999.   April 2019