

# WILLIAM CRUTCHFIELD

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<https://github.com/CrutchTheClutch>

## EDUCATION

**University of Maryland University College**  
BS Computer Science *GPA: 3.9*

Adelphi, Maryland  
Sep 2015 - May 2019

## WORK EXPERIENCE

**Tech Wizards, Inc.**  
*Software Engineer I*

Dahlgren, Virginia (Remote)  
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.**  
*Contract Web Developer*

Half Moon Bay, California (Remote)  
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.**  
*Web Developer / IT Manager*

Hercules, California (Remote)  
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 for field and office employees

**Young Guns Hunt Club**  
*Contract Web Developer*

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

- Designed, developed, and deployed the non-profit organization's website (<https://yghe.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