**Experienced full-stack .NET engineer & Air Force cybersecurity Technical Sergeant**

# Work Experience

## Sovereign Sportsman Solutions May 2021 – Present

### Senior Software Engineer Fully Remote

* Built .NET MVC sites for state governments. Utilized Entity Framework, Kendo UI, Vue, MS SQL Server
* Led creation of research permit system. Gathered requirements, designed DB schema, wrote CRUD pages

## 689th Network Operating Squadron (*USAF Reserve*) March 2020 – Present

### Noncommisioned Officer in Charge, Tactics and Capabilities Gunter Annex, Maxwell AFB, AL

* Taught Windows terminal, Python scripting, and public speaking fundamentals to unit’s cybersecurity Airmen
* Mapped MITRE ATT&CK matrix to defensive capabilities. Aided unit in optimizing use of monitoring tools

## CGI, Inc. March 2020 – May 2021

### Software Engineer, Consultant to Insurance Co. Remote due to COVID-19

* Led effort to improve code reliability/maintainability. Used SonarQube to identify and correct over 250 issues
* Agile/scrum programmer, responsible for code reviews, feature demos, and improving internal sites & services
* Refactored legacy service to implement DI, enable automatic testing. Increased code coverage from 0% to 70%

## Airman Leadership School March 2016 – February 2020

### Professional Military Education Instructor Maxwell AFB, AL

* Automated documentation & grading with JavaScript/Visual Basic. Taught 30% more students with less staff
* Implemented paperless graduation sign-up. Used PayPal to process over 2,000 reservations totaling $52,000

## Headquarters, Air University December 2011 – February 2016

### Software Development Team Lead Maxwell AFB, AL

* Led 4-person secure programming effort. Scanned 645,000 lines of code to identify and fix 262 vulnerabilities
* Corrected inefficiencies in legacy code. Utilized multithreading to cut processing time from 2 hours to 1 minute

## Art Clem Enterprises (Amazon/eBay retailer) July 2008 – May 2011

### Computer Programmer Cleveland, TN

* Utilized UPS/USPS web API’s to choose shipping carriers. Saved $20,000 in yearly labor, sped shipping time
* Crafted rolling inventory system to prevent overselling & box-packing verification to guarantee order accuracy

# Education

## Trident University International Expected grad in 2023

### Master of Science, IT Management, Cybersecurity concentration

## Trident University International 2019

### Bachelor of Science, Computer Science Summa cum laude, 3.97 GPA

## Community College of the Air Force

### Associate’s, Instructor of Technology & Military Science **2017** Associate’s Computer Science Technology **2015**

# Military / Leadership Training

## Noncommissioned Officer Academy October 2021

## Senior Enlisted Joint Professional Military Education I September 2021

## Enlisted Professional Military Education Instructor Course March 2016

* Awarded Dean’s List for academic performance. One of the few Senior Airman to ever attend the course

## Airman Leadership School July 2015