

Kevin J. Costello

New York, NY | (845) 475-4521 | kcostello56@gmail.com | kevinjcostello.com

Active Top Secret Clearance - Granted 03/2024

Software Engineer with over four years of experience developing robust C#/.NET applications and interactive 3D training simulations for government agency initiatives. Proven success in streamlining complex software workflows, enhancing application capabilities, and delivering user-focused solutions.

PROFESSIONAL EXPERIENCE

A3 CONSULTING

New York, NY (Remote)

.Net Engineer

April 2025–Current

- Enhanced security posture for administrator level systems by developing PowerShell scripts to automate STIG compliance checks and remediation.
- Authored and maintained comprehensive technical documentation for system architecture and APIs to streamline development, onboarding, and administrative reporting processes.

SONALYSTS

Waterford, CT

Unity/C# Software Engineer

June 2021–April 2025

- Developed advanced cross-network 3D training simulations to educate Space Force cadets in orbital mechanics, satellite operation, and radar communications. Integrated real-time telemetry data for enhanced realism and learning capabilities.
- Contributed to 3D modeling, texturing, and programming a web-embedded IETM using Babylon, to enhance and expedite training of Air Force engineers in helicopter repair and maintenance.
- Worked closely with multiple cross-disciplinary teams, contributing to AGILE workflows through sprint planning, code reviews, and daily technical standups.

TRAVELERS

Hartford, CT

Technology Intern

June 2019–August 2019

- Advanced a MEAN stack application using Terraform to streamline the creation of AWS S3 buckets, improving cloud infrastructure integration across multiple departments.
- Prototyped and presented a sentiment analysis and visualization program to automate parsing and categorization of customer feedback.

EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Urbana, IL (Online)

Master of Computer Science in Data Science

Expected 2028

MARIST UNIVERSITY

Poughkeepsie, NY

Bachelor of Science in Computer Science (*Cum Laude*)

May 2020

TECHNICAL SKILLS

Languages: C#, Python, Java, JavaScript, PowerShell, HTML/CSS

Frameworks & Libraries: .NET, Babylon, ThreeJS, Angular, Pytorch, Bootstrap

Development Tools & Platforms: Unity Engine, Git, Jira, Confluence, Adobe Suite, Blender

Databases: SQL, MongoDB, Neo4J

Cloud & DevOps: Azure Playfab, AWS, Terraform

CERTIFICATIONS

CompTIA Security+ (Exam SY0-701) : (June, 2025)