

Nathaniel Mareano

nathanielmareano@gmail.com | (571) 642-7478 | Ashburn, VA 20148

EDUCATION

James Madison University

Bachelor of Business Administration, Computer Information Systems
College of Business

Harrisonburg, VA

Expected May 2027

Northern Virginia Community College

Associate Degree, Cybersecurity

Loudoun County, VA

EXPERIENCE

Solutions Consultant Intern

Jun 2026 – Aug 2026

SuccessKPI, Inc.

Remote

- Built a dashboard deployment application adopted by the Solutions team; unified discovery requirements, demo datasets, metric definitions, and visualization plans in a reusable workspace.
- Built a Python MCP server with 9 tools for dataset profiling, formula validation, claim verification, and reusable dashboard guidance.
- Created executive analytics demos using contact center data, connecting speech topics, AI prompts, and quality scoring to customer-service scenarios and business questions.
- Analyzed contact center data and developed KPI calculations to diagnose data-quality issues and operational inefficiencies, identify revenue opportunities, and recommend changes to improve business performance.

IT Intern, Enterprise Architecture and AI

Jun 2025 – Aug 2025

Virginia Department of Transportation (VDOT)

- Built Excel cost models comparing on-premises application and server costs with Azure deployment scenarios to support infrastructure planning and IT budgeting.
- Mapped applications and dependencies in Ardoq, organized project data in SharePoint, and supported early-stage AI proofs of concept across IT teams.

Business Development Intern

Mar 2021 – Jun 2025

ViewSoft

- Analyzed government IT markets and RFI/RFP requirements to assess bid and teaming opportunities; used Python and Excel to automate research and internal data analysis.

IT Intern

May 2024 – Aug 2024

Fidel Solutions

- Translated SOW/PWS requirements into planning summaries, built Python automation prototypes, and documented technical workflows in internal guides.

SELECTED PROJECTS

Vantic — Sports Research App

In Development

- Developing an iOS and web app to make sports research freely accessible, using SwiftUI, React, Python/FastAPI, and SQLite.
- Built data workflows covering NFL, NBA, and MMA, organizing team and athlete statistics with source attribution to support transparent consumer research.

Harrisonburg OS — Datathon Project

In Development

- Developing a traffic simulation to build travel-demand profiles for individual homes and businesses from property, tax, and revenue records, predict daily trips, and test signal timing against citywide demand.

H&H Continuous Improvement & Services (HHCIS) LLC

Occasional contributions

- Built an offline Python prototype to support medical-invoice review against CMS references and contributed data-integration and AI-assisted analysis approaches to a federal transportation-data RFI response.

TECHNICAL SKILLS AND CERTIFICATIONS

Development: Python; Swift; JavaScript/TypeScript; SQL; HTML/CSS; React; FastAPI; MCP

Analytics and Tools: Excel; Power BI; MicroStrategy; Azure; Ardoq; SharePoint; Git/GitHub

Certifications: CompTIA Security+; CompTIA A+