

EDUCATION

Bachelor of Science: Computer Science, University at Buffalo, The State University of New York, May 2025

Dean's List, University at Buffalo — Multiple Semesters

GPA: 3.51/4.0

SKILLS & TOOLS

Languages: Python, Java, TypeScript, C, C++, SQL, Bash, HTML/CSS

Frameworks/Libraries: React, Node.js, PyTorch, TensorFlow, Scikit-learn

DevOps & Cloud: AWS (EC2, S3, Lambda, DynamoDB), Docker, MongoDB, Git

Tools: Jupyter, Anaconda, Azure, VS Code, Postman

PROJECTS

AI Phone Assistant: Python, Flask, OpenAI, ElevenLabs, RAG

- Built a voice bot that answers calls, schedules meetings, and sends conversation summaries via SMS. Used RAG pipeline with vector search to improve response accuracy by 35%. Achieved sub-1.2s average latency.

Caller Hub SaaS Platform: React, Node.js, Twilio, AWS (EC2, RDS), Docker

- Developed a full-stack lead-calling platform where managers upload CSVs and track KPIs like pickup rates and conversions. Deployed on AWS using CI/CD with GitHub Actions for seamless updates.

Moog Field Validation Assistant: Python, GPT-4o, Pandas, SQL

- Created an AI tool to validate aerospace data fields, cutting QA cycle from 3 days to under 1. Integrated with internal systems and adopted by 4+ engineering teams.

Secure Translation Add-In: C#, .NET, Moog In-House GPT API, Anaconda

- Developed a standalone desktop application using a .NET front-end and Moog's internal GPT API to automate translation of 10,000+ aerospace documents in Word and PowerPoint formats. Packaged the backend in a Conda environment to streamline dependency management and ensure compatibility across internal machines. Fully compliant with ITAR data handling standards.

EXPERIENCE

AI Intern, Moog, East Aurora, NY: May 2024 – May 2025

- Built GPT-powered tools to automate validation pipelines and reduce manual QA across engineering teams.
- Applied RAG, prompt tuning, and LLM techniques to automate repetitive validation tasks.
- Presented research at internal AI symposium and influenced roadmap planning.

Founder, VorTechDigital, Buffalo, NY: June 2022 – May 2025

- Deployed production-ready websites on AWS with domain routing, SSL encryption, and cost-optimized S3 hosting
- Built full-stack eCommerce platforms with Stripe/PayPal integration, dynamic product catalogs, and scalable cloud backends
- Launched createaboulder.com, a niche eCommerce site for custom stone engravings with automated order processing
- Engineered responsive client portals with built-in scheduling, payment systems, and lightweight CMS functionality
- Developed AI-powered tools that automate social media posts, generate captions, and surface trending content
- Managed digital presence for 12+ clients across web design, SEO strategy, branding, and online growth

Customer Service Representative, A-Plus Services, Buffalo, NY: August 2021 – September 2023

- Generated detailed billing statements and service reports in Excel, improving clarity and reducing billing disputes
- Acted as first point of contact for customer issues, resolving 80% independently and escalating complex cases to senior teams
- Supported on-site project managers to coordinate schedules, track progress, and ensure timely, high-quality delivery
- Strengthened conflict resolution and client communication skills through consistent frontline engagement