

Dimick Beesley

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IT professional and systems engineer with a background in software engineering and hands-on experience managing cloud infrastructure, endpoint security, and compliance in a fast-moving enterprise environment. Skilled in Azure/M365 administration, automation, and building internal tooling that bridges the gap between IT operations and software development. Seeking a systems or infrastructure engineering role at a mid-size technology company.

SKILLS

- Cloud & Infrastructure: Microsoft Azure (Entra ID, Intune, Defender, Key Vault), Microsoft 365, Exchange Online, SharePoint, Tailscale, OPNsense
- Languages & Scripting: Python, PowerShell, Bash, JavaScript, HTML/CSS, Go
- Security & Compliance: CMMC Level 1, endpoint security (Defender for Endpoint), MFA/conditional access, vulnerability management, security policy development
- DevOps & Tooling: Docker, Ansible, Git, FastAPI, ChromaDB, Azure AI Search, REST APIs
- Systems: Linux (Debian, Fedora), Windows Server, TrueNAS, networking fundamentals
- Data & ML: Python (Pandas, NumPy, Scikit-Learn, Matplotlib), Jupyter, data collection and analysis pipelines

EDUCATION

Auburn University, Samuel Ginn College of Engineering, Auburn, AL – May 2024

Bachelor of Science, Computer Science

Coursework

Statistics | Software Design | Machine Learning | Networks | Data Analytics | Operating Systems

PROJECTS

GovPro – AI-Powered Government Proposal Platform

Internal tool built on FastAPI, ChromaDB, and SQLite to streamline government proposal development using AI-assisted retrieval and generation. Containerized for local development and Azure deployment.

- Designed RAG pipeline integrating ChromaDB vector search with an LLM backend for proposal content retrieval
- Authored Docker configuration and Azure-ready deployment pipeline; scoped for iterative CI/CD integration

blu3m lab – Personal Homelab & Portfolio

Self-managed homelab running repurposed hardware with OPNsense, Tailscale, Ansible, and Restic. Portfolio site (Flask + nginx) self-hosted and served via Cloudflare.

- Multi-node network with VLAN segmentation, DNS filtering (Pi-hole), and VPN overlay (Tailscale)
- Automated configuration management using Ansible; incremental backups via Restic to offsite storage

WORK EXPERIENCE

iParametrics

November 2024 – Present

IT Manager

Alpharetta, GA

Sole IT resource for a government contracting firm, responsible for all infrastructure, security, compliance, and internal tooling. Led the organization's achievement of CMMC Level 1 compliance and built an AI-powered internal platform to accelerate proposal development.

- Administered Microsoft 365 and Azure tenant including Entra ID, Intune, Defender for Endpoint, Exchange Online, SharePoint, and Conditional Access policies for ~40 users.
- Designed and deployed GovPro, an internal AI platform built on FastAPI, ChromaDB, and Azure AI Search to surface relevant proposal content via RAG; containerized with Docker for Azure-ready deployment.

- Led organization-wide CMMC Level 1 compliance effort, including policy development, endpoint hardening, and documentation of system security practices.
- Built PowerShell automation scripts for IT operations including an API debugging tool with Azure Key Vault secret injection; maintains personal scripting toolkit for homelab and infrastructure management.
- Managed helpdesk operations, hardware procurement, vendor relationships, and onboarding/offboarding workflows across the organization.

iParametrics

May 2022 - August 2022

Internship

Auburn, AL

Developed Python tooling to automate collection and parsing of FEMA disaster grant data spanning 50+ years of records. Supported infrastructure risk research for federal clients by identifying and evaluating relevant geospatial and climate databases.

- Built a Python/regex pipeline to extract structured data from hundreds of thousands of scanned FEMA documents, handling inconsistent formatting and handwritten records at scale.
- Researched and evaluated third-party databases on US infrastructure weathering risk to support client deliverables.