

ETHAN MYERS

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EMPLOYMENT

FIELD ENGINEER - CANONICAL USA

2022 - current

- Led initial project kickoff, design workshops, and periodic customer touchpoints
- Built custom image pipelines for automatic golden image builds
- Managed delivery of open source solutions such as Kubernetes and custom Ubuntu images
- Liaised with customer Networking, Engineering, and Architecture teams fix broken infrastructure
- Presented internally on subject matter expertise, including Packer, OpenSearch, LUKS, and DISA-STIG
- Worked with government customers at local, state and federal levels.
- Fixed bugs and proposed and implemented new features for internal IaC tooling
- Worked remotely with colleagues and clients worldwide

ANALYST - DELOITTE & TOUCHE, LLP

2021 - 2022

- Performed security assessments, including stakeholder interviews, reporting, etc.
- Generated SOWs (Statement of Work) and client pursuit material for a number of different contracts
- Developed code to automate cross-domain staffing and reporting, improving employee-project matches
- Worked on NIST CSF assessments and FedRAMP compliance

RESEARCH ASSISTANT - UNIVERSITY OF COLORADO HIGH ENERGY PHYSICS

2019 - 2021

- Worked for Prof. Eric Zimmerman at CU Boulder building hardware and software for a particle detector
- Rewrote old Erlang software to interface with a HDO8058 oscilloscope using Python
- Reverse engineered replacement phototube bases and tested replacements to 1500V

CERTIFICATIONS

- Professional Cloud Architect - *Google Cloud Platform (GCP)*, [Certificate ID: hame3t](#)
- Associate Cloud Engineer - *Google Cloud Platform (GCP)*, [Certificate ID: TrEa3g](#)

SKILLS

- *Customer Interaction* — address stakeholders with appropriate technical detail
- *Security Standards* — DISA-STIG, CIS L1/L2, NIST CSF, FedRAMP, etc.
- *Public/On-Prem/Hybrid infrastructures* — GCP, VMware, Openstack, K8s
- *Python* — advanced proficiency, programming language of choice for many projects
- *Bash* — intermediate scripting proficiency, used when Python isn't the right tool
- *Vault, Packer, and Terraform* — Worked with various Hashicorp tools to integrate with MAAS and K8s
- *Linux/Ubuntu* — advanced understanding of various system internals and configuration
- *SQL* — language proficiency and understanding of architectural considerations for Postgres
- *Identity and Access management* — (AD/LDAP, Radius, Kerberos, GCP IAM)

EDUCATION

- Graduate of the University of Colorado, Boulder. Physics & Math double major, *GPA 3.3* 2017-2020

AWARDS

- Undergraduate Research Opportunity Program Individual Grant — awarded for work on particle detector
- National Merit Corporate Scholarship — awarded for scoring a 35 on the ACT
- University of Colorado Esteemed Scholars — awarded holistically for outstanding achievement
- Canonical SPIFFs — awarded for reaching certain sales milestones and project delivery