

DANIELLE CONNOLLY

LOCATION Brooklyn, NY

EMAIL hello@danielleconnolly.com

PHONE 914.483.8717

EXPERIENCE

Software Engineer, Reliability Tooling, June 2021 - November 2022

Stripe, New York, NY

- Developed a reliability metrics data and reporting platform that surfaces aggregated data via React app. Worked with partner teams to identify and implement actionable metrics to drive company-wide reliability improvements.
- Maintained core reliability products including incident response and communication tooling and SLO platform.

Software Engineer, Cloud Key Management Service, July 2019 - May 2021

Google, New York, NY

- Focused on reliability of GCP key management service written primarily in C++.
- Assessed and eliminated multi-regional outage risks across globally distributed service by improving data validation and alerting, increasing test coverage, and migrating to updated dependencies without any service disruption.

Site Reliability Engineer/Software Engineer, VMware Virtualization SRE, July 2017 - July 2019

Google, New York, NY

- Managed a fleet of approximately 300 globally distributed physical servers, running over 3,300 virtual machines with approximately 200 customer services. Automated self-service VM provisioning and maintenance processes in Python.
- Participated in 24x7 on call rotation to triage customer concerns, mitigate production issues across services, investigate root causes, and coordinate permanent solutions.
- Maintained an internal monitoring and observability tool in Go to collect and forward metrics to alerting and analysis tools. Connected with users to develop a roadmap for the service, determine the necessary SLOs, and prioritize feature requests.

EDUCATION

University of Michigan, Ann Arbor, MI, May 2017

B.S.E. Computer Science, Minor in Mathematics

SKILLS

Python, C++, TypeScript, SQL, Git