

# Donovan Ellison

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## SKILLS

**Programming:** Go, Python, and Java

**Technologies:** Ansible, AWS, Helm, Kubernetes, TeamCity, and Terraform

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## EXPERIENCE

**Cloud Security Engineer**, *Apree Health* Jan 2022 — Present

- Lorem ipsum

**Site Reliability Engineer**, *Zapproved* Mar 2021 — Jan 2022

- Enabled AWS Systems Manager for several dozen EC2 instances, allowing for secure remote command execution, automated patching, and fine-grained access control to instances.
- Designed and implemented an AWS solution for managing SSH keys on TeamCity agents across multiple AWS accounts.
- Analyzed and resolved an Elasticsearch cluster issue that caused day long logging outages, sometimes multiple times a week.
- Spearheaded the refactoring of the Kubernetes solution. Documented the current state of the Kubernetes solution by updating, creating, and re-organizing several dozen internal documents. Developed a roadmap for Kubernetes improvements by evaluating different tools, researching best practices, creating proof of concepts, and meeting with key stakeholders.

**Software Engineer Intern**, *Akamai Technologies* Jan 2019 — Jun 2019

- Configured and deployed EC2 instances with Terraform.
- Wrote to, read from, and monitored Kinesis streams used to process user data.

**DevOps Intern**, *Comscore, Inc.* Jul 2018 — Dec 2018

- Refined a testing framework for the QA team in C#.
  - Performed deploys once a week with Jenkins to production environments.
  - Maintained Ruby scripts that automated the deployment and testing of code.
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## PROJECTS

**Functional Programming for Systems Software** Apr 2020 — Aug 2020

- Published an assessment of Habit, an experimental functional language for low-level programming.
  - Compared Habit with C by implementing a page table in both languages.
  - Used x86 Assembly to enable IA-32 paging and setup system calls.
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## EDUCATION

**Bachelor of Science in Computer Science, University Honors** Sep 2016 — Aug 2020

*Portland State University*

GPA: **3.73**