

Stephen Greene

OBJECTIVE Seeking a Software Engineering role involving Kubernetes development and Linux Container technologies.

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EXPERIENCE **Associate Software Engineer** June 2020 - Present
Red Hat, Raleigh, NC <https://redhat.com>

- Engineer on the OpenShift Network Edge team.
- Utilize HAProxy and CoreDNS, along with the Kubernetes Operator Pattern, to provide robust network components for OpenShift.
- Integrate with OpenShift Prometheus components to deliver Ingress metrics to cluster administrators.
- Use cloud provider APIs to expose cluster applications via public facing Load Balancers on AWS, Azure, GCP, etc.


OpenShift Internship May 2019 - August 2019
Red Hat, San Francisco, CA <https://redhat.com>

- Contributed to the OpenShift Machine Config Operator, a Kubernetes Operator that manages cluster nodes.
- Contributed to Red Hat CoreOS, an immutable operating system that powers OpenShift nodes.

Software Engineering Co-op January 2018 - July 2018
Intuit, Mountain View, CA <https://intuit.com>

- Optimized Java backend for Quickbooks Online Accountant.

EDUCATION **Bachelor of Science in Computer Science** May 2020
Rochester Institute of Technology, Rochester, NY
Minor: Mathematics **GPA:** 3.43 (Honors Distinction)

PROJECTS  **OpenShift Ingress Operator**

- Enables external access to an OpenShift cluster by creating IngressController custom resources.
- Monitors cluster Ingress capabilities and ensures external cluster application access is available.

SKILLS

Languages Go, C, Python, Java, Bash

Operating Systems Linux: Debian, Fedora, RHEL, Docker

Technologies Kubernetes / OpenShift, Git, GitHub, Vim, Prometheus

Recreation Rock Climbing, Hiking, 3D Printing, Music, Disc Golf