CHASE C. F. CLARKE

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EDUCATION

Boston University *2016 to 2020*
B.S. in Computer Engineering

Lake Forest Academy, Lake Forest, IL *2012 to 2016*
Deans List, Four-year varsity hockey and captain senior year.

EXPERIENCE

VMware — Engineering Operations September 2021 to Present
Software Engineer *Palo Alto, CA*

- Currently Working to build a service that tests newly submitted p4 changesets on ESXi's (VMware Hypervisor) main branch. Upon completion, a dashboard will be presented that details statistics about the build and test successes and failures.
- The primary goal of this service is to test for and identify build time regressions in order to find and back out problematic p4 changesets. Builds on main are incremental–meaning that components from previous builds are recycled in future builds. Problematic components on main need to be manually identified before changesets can be backed out, hence the motivation for this project.

VMware — Partner Engineering August 2020 to September 2021
Software Engineer *Palo Alto, CA*

- Assisted in developing features for a secure Intel-VMware remote build pipeline that enabled Intel to edit, build, and test redacted ESXi code (VMware Hypervisor) across corporate networks.
- Within six months I became the primary maintainer of the build pipeline and spearheaded a redesign from non-containerized code to micro-service based architecture. Held primary responsibility for submission of new architecture to the VMware security team for review. Finally, held primary responsibility for the roll-out of new architecture to Intel. Service no longer has a full time maintainer.
- Technology used to complete the redesign includes: Kubernetes/Docker/GitLab, Golang Client/Server CLI on front-end. LXD/Ubuntu/Python compiler for ESXi on back-end.

Charles River Development, A State Street Company May 2019 to August 2019
Java/Cloud Software Engineering Intern *Burlington, MA*

- Worked in Agile Development with the Scenario Analysis team. Assisted in developing an "analytics" microservice, a cloud microservice intended to dynamically scale scenario calculations to the cloud when local resources are insufficient. Technology used to complete includes Docker, Kubernetes, Knative, Azure).
- Main project consisted of developing an automated program that collects and measures performance data from the Scenario Analysis teams code across software releases.
- Technology used to complete the project includes ELK stack on Red Hat Enterprise Linux, Metricbeat on Windows machine to log host system performance, Java code to enable software logging.

Coyote Logistics, A UPS Company May 2018 to August 2018
Software Development Intern *Chicago, IL*

Coyote Logistics, A UPS Company May 2017 to August 2017
Business Intelligence Intern *Chicago, IL*