

SEAN LYONS

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EDUCATION

Clarkson University

B.S. in Computer Science & Mathematics

GPA: 3.85

December 2014

EXPERIENCE

Amazon Web Services

Senior Software Engineer

Jul 2021 - Present

Austin, TX

- Developing as a member of Amazon Elasticsearch Service Control Plane team
- Building highly available services at scale to ensure Elasticsearch cluster reliability
- Operating as part of the team oncall rotation

Java / Golang / Python / AWS

Symbiont

Senior Software Engineer

Sep 2018 - Jul 2021

New York, NY

- Developed highly available and linearizable distributed ledger software in Golang
- Reduced CI pipeline duration by 75% at no cost to quality with improved testing practices
- Developed automated Jepsen chaos testing suite using Clojure

Golang / Distributed Systems / Clojure / CI / Kubernetes / Docker / Bazel

iHeartRadio

Senior Site Reliability Engineer

Mar 2018 - Sep 2018

New York, NY

- Engineered migration to new observability platform with Prometheus, Alertmanager, and Grafana
- Modernized deployment tooling for audio streaming infrastructure with Terraform and Ansible

Golang / Prometheus / Terraform / Kubernetes / Docker / AWS / Ansible

Commonbond

Lead Software Engineer

Mar 2016 - Mar 2018

New York, NY

- Engineered event-driven auth and product backends with Java and Kafka
- Implemented continuous integration and deployment pipelines

Java / Scala / Kafka / Kubernetes / MySQL / PostgreSQL

FactSet

Software Engineer

January 2015 - Mar 2016

New York, NY

- Developed financial news applications with AngularJS and Perl

Perl / JavaScript / jQuery / AngularJS / MySQL

The Mathworks

Software Engineering Intern

January 2015 - Mar 2016

Natick, MA

- Contributed to C++ libraries powering Simulink fixed-point tooling

C++ / Python