

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

- Contributed across the control plane and data plane of Amazon Managed Prometheus
- Designed Kubernetes controllers to speed up data plane deployments [Golang / Typescript / CDK]
- Refactored metering pipelines to implement more robust error handling [Typescript / CDK]

Symbiont

Senior Software Engineer

Sep 2018 - Jul 2021

New York, NY

- Developed highly available and linearizable distributed ledger software [Golang / Kubernetes / Docker]
- Reduced CI pipeline duration by 75% with improved testing practices [Golang / Bazel]
- Developed automated Jepsen chaos testing suite [Clojure]

iHeartRadio

Senior Site Reliability Engineer

Mar 2018 - Sep 2018

New York, NY

- Engineered migration to new observability platform [Golang / Prometheus / Grafana]
- Modernized deployment tooling for audio streaming infrastructure [Terraform / Ansible]

Commonbond

Lead Software Engineer

Mar 2016 - Mar 2018

New York, NY

- Engineered event-driven auth and product backends [Java / Scala / Kafka]
- Implemented continuous integration and deployment pipelines [Gitlab / Kubernetes / Docker]

FactSet

Software Engineer

January 2015 - Mar 2016

New York, NY

- Developed financial news applications and critical news delivery systems [Perl / JavaScript / MySQL]

The Mathworks

Software Engineering Intern

January 2015 - Mar 2016

Natick, MA

- Contributed to internal libraries powering Simulink fixed-point tooling [C++]