

# SEAN LYONS

Austin, TX 78721

(540) · 290 · 6284 ◊ lyonssp777@gmail.com

## EDUCATION

---

### Clarkson University

B.S. in Computer Science & Mathematics

GPA: 3.85

December 2014

## EXPERIENCE

---

### Favor

*Tech Lead*

Nov 2022 - Present

*Austin, TX*

- Designing and building marketing technology platform using third party tooling [PHP / Kafka / Segment]
- Optimizing core search for customer engagement [Elasticsearch / Kafka / ML]
- Designing and building content recommendation system [Elasticsearch / Kafka / ML]
- Revamped branching and releasing strategy for legacy monolithic application

### Amazon Web Services

*Senior Software Engineer*

Jul 2021 - Nov 2022

*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++]