

Jordan Crane

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Portland, Oregon / Remote

Work Experience

7/19 - 6/20

Senior Software Engineer for Acorns • Portland, Oregon

- Led a team of 2 other backend engineers in the design and implementation of Spend Recurring Deposits, a top-priority greenfield project now responsible for transactions totaling over \$6 million a month
- Abstracted the process of scheduling and executing recurring transfers into a single serverless architecture capable of managing them for all product lines
- Improved logging and visibility into a previously opaque monolith responsible for managing over 1 million IRA accounts; expanded its metrics dashboard from displaying just CPU and memory usage to exposing full metrics suites for GraphQL, 3rd party API performance, database performance, and batch job success rates
- Represented my team on a committee responsible for directing the development of CI/CD tooling

5/18 - 7/19

Software Engineer for Acorns • Portland, Oregon

- Built out a new microservice to support the Local Found Money feature of the Acorns Spend product
- Migrated cross-system investment synchronization stream processor from a monolithic backend into a new serverless architecture, resulting in drastically improved reliability
- Worked with a 3rd party service provider to integrate against their API

6/17 - 5/18

Software Engineer for Harmonic • Beaverton, Oregon

- Implemented a new visual verification tool using Simple DirectMedia Layer to allow engineers to quickly test the output of their encoder changes
- Ported the company's existing MPEG2 decoder from assembly to C++11 in order to take advantage of compiler optimization and increase maintainability

Technical Experience

Programming Languages

Proficient in **Scala, Kotlin, Typescript**

Basic knowledge of **Java, Python, Bash, Ruby**

Tools/Libraries

Proficient in **Git, Docker, Serverless Framework, Mockito, Guice**

Basic knowledge of **GraphQL, Maven, SBT, JUnit**

Databases

Proficient in both SQL (**PostgreSQL**) and NoSQL (**DynamoDB**)

Platforms

Proficient in **AWS, Datadog, CircleCI**

Basic knowledge of **Jenkins**

Education

2012 - 2017

BSc, Computer Engineering • Oregon State University • Corvallis, Oregon

Minor in Computer Science • Graduated Magna Cum Laude