

# Jordan Crane

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Portland, Oregon / Remote

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## 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 scheduling and execution of recurring transfers into a single serverless architecture capable of managing the process 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

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## 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**

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## Education

2012 - 2017

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

*Minor in Computer Science • Graduated Magna Cum Laude*