# Jordan Crane

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*Portland, Oregon*

## Work Experience

7/19 - 6/20

**Senior Software Engineer** for [Acorns](https://www.acorns.com/) • *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](https://www.acorns.com/) • *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](https://www.harmonicinc.com/) • *Beaverton, Oregon*

* Implemented a new testing tool using Simple DirectMedia Layer that enabled engineers to visually verify the output of their encoder changes
* Optimized color space conversion code in the HEVC encoder for a 2% overall CPU time reduction

## 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**

## Education

2012 - 2017

**B.Sc. Computer Engineering; Minor: Computer Science** from

[Oregon State University](https://oregonstate.edu) • *Corvallis, Oregon*

* Graduated *magna cum laude* (3.79 / 4.0 GPA)