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 it's 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 maintainablity

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