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 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 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 • *Corvallis, Oregon*

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