

# Samuel Levin

Senior Software Engineer

San Francisco, California

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## TL;DR

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Senior Software Engineer with 7 years of experience designing, leading, and delivering on large scale distributed systems. Excited to help implement or scale your next end-to-end system, from back end services to user facing features.

## Work Experience

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### Credit Karma

Senior Software Engineer

Oakland, CA

January 2019 - June 2025

#### Feature Platform Team

- Led flex template migration of critical dataflow pipelines ingesting TBs of feature data for 140 million users on daily or less cadence.
- Proposed, designed and implemented a new composer environment for Airflow workflows. Improved data pipeline stability and reduced operational overhead.
- Developed new Terraform/Terragrunt infrastructure for Vertex, Composer and other GCS resources. Reduced reliance on manual control panel changes for critical infra.
- Designed and implemented a new safe fact deletion flow and pipeline, allowing quick response to data incidents.

#### Data Bridge Team

- Helped design and build edge services and GCP infrastructure allowing Intuit to start sharing data with CK after acquisition.
- Scaled for peak 3.5k RPS, matching 50 million CK members from a total of 170 million intuit members continuously shared over the bridge.

#### Credit Karma Money Team

- Designed and implemented offline networth tracking, peak 600 RPS of mint data.
- Worked with product teams to design user total networth logic with fallbacks.

#### Offer Creation Platform Team

- Built and maintained a complex react app for creating, modifying, and viewing credit cards and offers shown within Credit Karma.
- Worked on a graphql gateway for handling changes to these offers and routing to the correct services.
- Built and scaled scala services deployed on kubernetes, requiring high uptime with extensive monitoring and failover.
- Worked on internal SDKs allowing services to use packaged scala code through sbt dependencies.

### Serena and Lily

Full Stack Developer

Sausalito, CA

March 2018 - December 2018

- Worked with multiple teams to move entire ecommerce development inhouse
- Updated deprecated front end librarys and development process
- Started the transition to CommonJS controllers from deprecated SaleForce Demandware Pipelines
- Integrated new analytics, AB testing, and integration testing applications

### Microsoft

Intern Software Engineer

Dublin, Ireland

Summer 2015

- Shadowed dev teams in a group working on a CMS (content management service) for MSN news
- Main technologies were TypeScript/Angular/AJAX
- Single Page Angular+js site, that used a c# middle tier to deal with certs and calls to the Backend SQL database
- Worked on a local build of the site and have an accepted code merge onto the production branch of their TFS version control server

## Education

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### Goucher College

B.A. Computer Science Major, Mathematics Minor

Baltimore, Maryland

Aug. 2013 - May. 2017

- Honors in Computer Science
- Awarded Cum Laude