Samuel **Levin**

SENIOR SOFTWARE ENGINEER

San Francisco, California

📱 415-572-7446 | ✉ samueljlevin@gmail.com | ⬛ salevin | in salevin

TL;DR

Senior Software Engineer with 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

Credit Karma
Oakland, CA

SENIOR SOFTWARE ENGINEER
January 2019 - June 2025

- **Data Architecture Team**

  - Built and scaled Vertex Feature Store integrations, including online stores, registries, and monitoring APIs, enabling production ML workflows across multiple domains.
  - Designed and optimized Dataflow pipelines (feature deletion, fast batch ingestion, containerized SMB exports) improving reliability and reducing processing latency.
  - Automated Airflow workflows with custom DAGs, retries, and alerting, improving data pipeline stability and reducing operational overhead.
  - Developed Terraform/Terragrunt infrastructure for Vertex and Composer, streamlining environment provisioning and access control.
  - Enhanced observability and reliability by adding monitoring, circuit breakers, and Slack alerting, reducing downtime and improving incident response.
  - Contributed to data platform libraries and services (Alchemy, Lightspeed, IDL, lineage tools) supporting large-scale recommendation and finance data systems.
  - Improved CI/CD pipelines with validation pipelines, CCI fixes, and automated testing, accelerating deployment velocity and reducing failures.

- **Credit Karma Money Team**

  - Designed and implemented offline networth tracking using event topic subscription service.
  - Added account value fallbacks, adding data consistency.
  - Built data quality and observability metrics and dashboards.

- **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
Sausalito, CA

FULL STACK DEVELOPER
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
Dublin, Ireland

INTERN SOFTWARE ENGINEER
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

Goucher College
Baltimore, Maryland

B.A. COMPUTER SCIENCE MAJOR, MATHEMATICS MINOR
Aug. 2013 - May. 2017

- Honors in Computer Science
- Awarded Cum Laude