Duncan McIsaac

Product-minded engineer seeking move to Engineering Management role.

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Experience

Senior Software Engineer
Kiva.org // July 2019 to Present
- Backend Platform team lead
- Managed an intern, integrated her into our team and supported her in shipping an integral feature to production
- Led auto-lending team to earn 9.6% ($1.5MM) of Kiva's annual revenue and facilitate 19.4% ($25MM) of annual lending in 2020 (auto-lending revenue increased 750% from 2019; lending by 40%)
- Part of fire team which designed, built and shipped a COVID relief fund subscription product in 4 weeks, now responsible for $700K in lending

Product Manager
Kiva.org // September 2020 to January 2021
- Launched reduction in minimum loan share purchase size from $25 to $5
- When scaled up, will unlock $3MM in funds for auto-lending and make Kiva more approachable to new users

Senior Software Engineer
Capital One Financial Corporation // July 2016 to July 2019
- Led API design for new financial system of record
- Wrote well-received technical whitepaper for Sr. Managers to MVPs
- Ran domain specific language user studies with developers

Projects

Coffee Chats
Getting to know people // 2019 to Present
- Within two years at Kiva I've had coffee with 150 individual employees

Education

Carnegie Mellon University
Class of 2016
B.S. Information Systems
Minor in Human-Computer Interaction

Languages

Kotlin
PHP
TypeScript
Scala
Python
Java
CSS / SASS

Technical Skills

Distributed Systems
AWS
Functional Programming
CI / CD
SQL/NoSQL Databases
Docker
Kafka

Other Skills

Technical Writing
User Experience Design
Product Management
Data Visualization
Accessibility
Sketch