

# AARON KELLEY

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## EXPERIENCE

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**Affirm** - New York, NY

*Software Engineer II*

*Jan 2023 - Present*

- Architected and owned several high impact consumer-facing features which contributed hundreds of millions of dollars annually, including the Card Tab backend, Affirm Card Rewards, and programs designed to re-engage churned users to the Affirm app
- Led and mentored junior engineers and interns, and had a key voice in creating and running the Direct-To-Consumer Engagement team
- Created and maintained on-call and remediation procedures to ensure best quality uptime and user experience for the Affirm Card

*Software Engineer I*

*Aug 2021- Jan 2023*

- Built and maintained the backend APIs for the Affirm Card team, helping to grow it from 200 internal users to over 2 million active users
- Improved onboarding conversion rate and unit economics on the Affirm Card by owning and reducing complexity in the onboarding flow

**VMware** - Atlanta, GA

*Software Engineering Intern*

*Jun 2020 - Aug 2020*

- Implemented updates to device provisioning agent utilizing .NET Core, a custom REST API, and a PostgreSQL database to provide users with an intuitive application to manage OEM devices

## SKILLS

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- **Languages:** Python, C/C++, SQL, Java, Kotlin, HTML, CSS
- **Tools and Frameworks:** Git, Docker, Airflow, Kubernetes, AWS, UNIX, VIM

## EDUCATION

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**University of Michigan College of Engineering** Ann Arbor, MI

*Sep 2017 - April 2021*

*B.S.E. Computer Science*

- GPA: 3.6 / 4.0
- Coursework: Data Structures and Algorithms, Discrete Mathematics, Computer Organization, Web Systems, Computer Security, Software Engineering, Operating Systems

## PROJECTS

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**C++ Thread Library**

*Feb 2021*

- Architected a thread library similar to that in the C++ standard library utilizing Linux context switching, flexibility for interrupts, and efficient CPU management