

Aditya Keerthi

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SKILLS

Languages • C++ / Objective-C / Python / JavaScript / Swift / Ruby / SQL

Technologies • Git / Cocoa / Rails / MySQL / Node.js / Flask / MongoDB

Concepts • Operating Systems / Data Structures & Algorithms / Concurrency

EXPERIENCE

Apple • Software Engineer

Cupertino, CA • Summer 2018

- Implemented HTML5 form controls for WebKit using **C++** and **Objective-C**
- Added support for new HTML attribute enabling keyboard customization in Safari
- Fixed bugs with **rendering** and event handling to ensure Web API compliance
- Obtained peer-reviewed committer status on the **open-source** project

Apple • Software Engineer

Cupertino, CA • Fall 2017

- Integrated system emoji picker into Mail compose window on **macOS**
- Used **sqlite3** and **C** to create new persistence model for Drafts on **iOS**
- Added functionality to internal framework to support proprietary feature in Mail

Shopify • Software Developer

Ottawa, ON • Winter 2017

- Wrote **GraphQL** APIs in **Ruby** to deliver custom insights to **600K+** merchants
- Developed mechanism to track user engagement backed by **MySQL** and **Kafka**
- Optimized **SQL** queries via indexing to reduce feed load times up to **10%**

Kik • iOS Developer

Waterloo, ON • Summer 2016

- Implemented group management and permission controls using **Objective-C**
 - Accelerated user blocking flow by **25%** through optimizing database queries
 - Worked on **asynchronous** queue-based presentation system to support bans
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PROJECTS

pxl8

- CHIP8 emulator written in **Swift** and developed for **macOS**

On This Day

- **iOS** app that retrieves historical information, powered by a **Flask** web server
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EDUCATION

University of Waterloo • Bachelor of Software Engineering • 2015-2020

INTERESTS

Film / Trivia / Cooking / Basketball / Rocket League / Emulation