Matthew Lilek

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Experience

iOS Engineer, June Life Inc. - *https://juneoven.com*
April 2015 - Present
- Developed the *June* iOS app for remote monitoring and control of the June Intelligent Oven including time, temperature and streaming video.
- Implemented custom, fully skinned UI from the ground up. Worked closely with design team from concept through implementation and polish.
- Built complex controls and animations and ensured smooth performance across all supported iOS devices.
- Helped design and implement WebSocket-based communication with the oven for realtime status events and remote control commands.
- Analyzed HTTP live streaming performance across oven, backend and iOS. Made improvements on iOS and recommended optimizations to oven and backend teams.

iOS Safari Engineer, Apple Inc.
January 2013 - December 2014
- Primary engineer of Safari for iPad on iOS 7. Prototyped and adopted redesigned UI and iterated and reviewed with management and design.
- Implemented Private Browsing improvements and iPad full screen mode in iOS 8 and contributed to the visual tab view.
- Helped optimize Safari for the iPhone 6, iPhone 6 Plus and iPad Pro's larger screen sizes and demoed directly to Senior VP.
- Led conversion of Safari and related projects to ARC from manual retain/release memory management.
- Helped adopt iPad multitasking and made additional fixes that shipped with iOS 9.

iOS Safari & WebKit Integration Engineer, Apple Inc.
August 2010 - January 2013
- Triaged all incoming Safari & WebKit bugs, ensured necessary information, performed initial debugging and prioritization.
- Worked closely with product management, QA, project management and cross-functional teams for quick turnaround on issues.
- Responsible for branching and integration for Safari & WebKit projects to multiple simultaneous iOS releases.

- Led team conversion from Subversion to Git, converting multiple repositories, writing documentation and training team members.
- Contributed bug fixes and features for all releases from iOS 4.2 - 6.1.

Workstation/Server Technician, Joliet Junior College

April 2007 - August 2010

- Maintained several hundred Macs, their supporting OS X and Windows servers and overhauled their security and service infrastructure.
- Scripted and automated many processes, reduced manual maintenance needs and improved professor/student experience.

Education

Joliet Junior College, Joliet, Illinois - 2006-2010

Skills

Objective-C, Swift, C, C++, UIKit (Cocoa Touch), Core Animation, AppKit (Cocoa), WebKit, SQLite, WatchKit, tvOS, Core Data, HTML, CSS, JavaScript, Git, Subversion. Familiar with Python, Ruby, Perl, PHP, Java.

OpenSource Projects

WebKit Open Source Project - https://webkit.org

Committer since 2007. Filed several hundred bug reports during Safari 3 and 4 development cycles, made reduced test cases, and contributed numerous patches including work on the early Web Inspector.