

Jerry Wong

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Mobile Platforms Specialist

Technical Skills

- **Programming Languages:** Swift, Objective-C, Java, Go, C++, JavaScript, PHP, C#
- **Dev Tools:** Xcode, IntelliJ & Android Studio, Visual Studio, p4, git, hg, svn
- **Major APIs/Libs:** SwiftUI, Cocoa, UIKit, AppKit, Android, OpenGL

Major Apps Shipped



Google - Search made just for mobile, by Google

- Tech lead manager for Google's iOS search product, with a focus on cross-platform technologies
- Defined strategy and executed on a product with millions of users shipped worldwide in dozens of languages, across a diverse range of user needs
- Architected and launched massively scalable features informed by in-depth product metrics, generating global-scale revenues
- Led a team of 13 ICs producing a cutting-edge cross-platform development framework



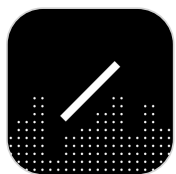
Google Maps (iOS and Android), by Google

- Led a team in the full-stack, cross-platform development of UGC-centric restaurant dishes feature
- Architected both backend and mobile frontends, creating massively scalable backends served from many surfaces
- Drove the simultaneous multi-platform (web, Android, iOS) development of features being used by millions of people every day



Zagat, by Google

- Rearchitected, redesigned, and completely reimplemented the brand-new Zagat app
- Led the architecture of many backend and frontend systems and worked across the entire stack
- Led the development of multiple third-party partnerships and integrations including concierge reservations



Compass Markets - Real Estate Data in Real-Time, by Compass

- Spearheaded completely new greenfield product through early concepts and prototypes
- Designed new large-scale backend data aggregation backend to fuel real-time mobile reports
- Demonstrated high-quality fit and finish around UX
- Conceptualized and drove implementation for deep inter-app operability and rich report exports



Compass / - Find a Home You Love, by Compass

- Took over existing legacy codebase and rebuilt using completely new design
- Powerful, deep search tools for NYC and Washington DC real estate
- Also worked on internal-only power-users version of the app targeted at real estate agents



HowAboutWe Dating, by HowAboutWe

- Instrumentally participated in rewrite of legacy app, stabilizing previously extremely unreliable codebase
- Heavily involved in completely new v2.0 redesign, with highly custom UI and transition effects
- Integrated multi-threaded Core Data cache into app for greatly improved responsiveness
- Participated in the design, architecture, and the implementation of two greenfield features: Date Maps and Speed Date



Expedia Bookings, by Mobiata

- Part of team that developed the then brand-new Expedia app, starting with hotel bookings
- Participated in the design and early implementation of Expedia Flights module
- Gained experience in custom UIs, graphical optimization, and procedural UI generation
- Worked tightly with in-house API team, developing app simultaneously with backend



FlightTrack, by Mobiata

- Led the development effort in iOS5 compatibility update
- Became primary developer on app, implementing new weather map overlay and airport delay feeds
- Assisted in redesign of app to better fit evolving iOS visual style
- First major shipped iOS app at Mobiata

Work & Relevant Experience

Software Engineer

Jan 2020 - Present

Apple. Seattle, WA, USA

- Tech lead working on Siri platform developer experience.
- Deep technical leadership and guidance across a wide cross-org effort, focusing on developer tooling, APIs, and experience.
- Contributing deep expertise in developer-facing products to push Siri to its next level.
- Defining both tactical execution and broader strategic evolution of the Siri platform.

Software Engineer, TLM

Nov 2015 - Jan 2020

Google. New York, NY, USA

- Tech lead and manager on large-scale features in Google Maps and Google Search, demonstrating full-stack expertise in architecting from backend to frontend.
- Worked deeply in all parts of Google infrastructure from source data pipeline all the way to UX.
- Led groundbreaking effort in seamless multi-platform (Android, iOS, and beyond) development by designing and leading the implementation of new cutting-edge frameworks.
- iOS Site Lead for Google Search in NYC, growing and leading a team of ICs on a team that spans 5 sites around the globe
- Defined new strategies for evolving Google Search product and platform into the future.

Sr. Mobile Engineer

Nov 2014 - Nov 2015

Compass. New York, NY, USA

- Rewrote the redesigned, all-new Compass real estate search app
- Drove new features in the internal-only real estate agents app, from ideation to release

- Helped maintain best practices - CI, unit testing, and QA coverage - and shipped remarkably bug-free apps
- Spearheaded development of completely new, best-in-class mobile app for real-time real estate market intelligence

Sr. Mobile Engineer → Mobile Lead

Jul 2012 - Sep 2014

HowAboutWe. New York, NY, USA

- Heavily involved in architecture and design of new features, including one rewrite and two completely new apps
- Inested in reliability by through automated testing and continuous integration with KIF, Kiwi, and Frank
- Took on design and UX challenges, driving rich UX and crafting many user-delight features
- Engaged in best practices, optimizations, resulting in rich user experiences on even old devices
- Worked deeply in nearly all corners of the iOS platform: animations, video, photo editing, networking, multitasking, caching, encryption...

Mobile Software Developer

Jul 2011 - Jul 2012

Mobiata, LLC. San Francisco, CA, USA

- Worked on FlightTrack, FlightBoard, and Expedia Hotels - all ranking top-5 apps in the Travel Category on the App Store
- Drove rich new features into both Mobiata's flagship apps, demonstrating passion for exceptionally detailed and polished UX
- Demonstrated initiative, creativity, and drive by constantly championing users and pushing for solid engineering and amazing design

Software Development Engineer, Amazon Green

Jul 2009 - Jul 2011

Amazon.com. Seattle, WA, USA

- Led short-term skunkworks development team of 5 people in creating a radically new mobile app concept. Demoed to senior leadership resulting in the creation of a new project
- Primary driver, designer, and developer of extensive vendor-facing portal in support of Amazon vendor packaging improvement effort
- Single-handedly created all software in support of Amazon packaging certification labs, processing hundreds of cases per month
- Proven breadth of experience - designed, implemented the entire Amazon packaging certification system in both backend and frontend roles

Education

Honours Bachelors of Applied Science degree in Mechatronics Engineering

University of Waterloo. Waterloo, Ontario, Canada