

NILS HAYAT

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Software engineer and designer passionate about human-computer interaction with 10 years of experience

EXPERIENCE

- Apple**
Cupertino
2021 - Today
Prototyping Engineer - Software Incubation
Selected Work: Led feature exploration to leverage on device intelligence to make the iPad experience more coherent and break down apps silos. Created development platform to enable designers and engineers to prototype for a new hardware form-factor. Ideation of interaction paradigms for a new class of iOS-based devices and rapid prototyping using ARKit.
- Apple**
Cupertino
2015 - 2021
Software Engineer - SpringBoard
Key Achievements: First iOS lockscreen re-architecture in 10 years to allow for a modular, page based lockscreen and unification with Notification Center. Prototyped and Implemented iPhone X swipe-to-unlock and Face ID interactions. Originated and led iOS 14 home screen widgets and their SwiftUI based rendering system.
Selected Work: Live wallpapers, iPhone app switcher, wake-to-apps API (Maps, Voice Memos, Notes), Lock Screen camera, Volume HUD.
- Apple**
Cupertino
2014 - 2015
Software Engineer - NetApps
Selected Work: Started the Home app, leading brainstorming and creative process behind building a 1st party app to leverage HomeKit technology. Responsive UI for Weather, Stocks and Settings apps for iPhone 6 and 6 Plus. Stocks app for iPad. Siri UI plugins for tvOS.
- Casserole Labs**
New York
2012 - 2013
Lead iOS Engineer
Created iOS Apps with rich, engaging UIs connecting to custom and 3rd party APIs. Objective-C, Cocoa, UIKit, Foundation, Core Libraries, etc.
- Taplicious**
Tel Aviv
2010 - 2012
Development and Design of iOS Applications
One-man iOS development shop: from design to prototyping to development to QA.

EDUCATION

- 2008 - 2009**
New York
Master's Degree in Applied Mathematics
Columbia University in the city of New York
- 2005 - 2008**
Paris
BS and MS in Computer Science Engineering
Télécom ParisTech (Best CS program in France)

SKILLS

- LANGUAGES** **French:** native **English:** fluent **Spanish:** moderate **Hebrew:** moderate
- SOFTWARE** **Objective-C / iOS:** ★★★★★ **C:** ★★★★★
- INTERESTS** Surfing, Photography, Cooking, Yoga & Mindfulness