NILS HAYAT

+1 (347) 622-1045   nhayat@apple.com

Software engineer and designer passionate about human-computer interaction with 12 years of experience

EXPERIENCE

Apple
Remote, Los Angeles
2021 – Today

Prototyping Engineer – Software Incubation
Selected Work: Led ideation of a re-imagining of the system to leverage on device intelligence to make the iOS experience more integrated and break down app 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 devices and rapid prototyping using ARKit.

Apple
Cupertino
2015 – 2021

Software Engineer – SpringBoard
Key Achivements: Lead iOS lock screen re-architecture to allow for a modular, page based lockscreen that was the basis for iOS 16 personalization. Ideated and led iOS 14 home screen widgets and their SwiftUI based rendering system. Prototyped and Implemented iPhone X swipe-to-unlock and Face ID interactions. Gave a WWDC talk on SwiftUI and Widgets.

Selected Work: Widget editing, Volume HUD, Lock screen camera, Live wallpapers, iPhone app switcher, wake-to-apps API (Maps, Voice Memos, Notes) .

Apple
Cupertino
2014 – 2015

Software Engineer – NetApps
Selected Work: Lead brainstorming and creative process for the creation of the Home app. Responsive UI for Weather, Stocks and Settings for new iPhone sizes. 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 / Swift / iOS / Apple Internal: ★★★★★   C: ★★★★★**

INTERESTS   Yoga & Mindfullness, Surfing, Cooking