NILS HAYAT

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

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

EXPERIENCE

Apple
Cupertino
2015 - Today

Software Engineer - SpringBoard
Key Achivements: Created hardware buttons handling infrastructure to simplify the implementation of complex key chord gestures. Modernized lockscreen architecture to allow for a modular, page based lockscreen. Led the unification of Notification Center and Lock Screen into CoverSheet. Implemented Face ID authentication transition as a natural extension of the dismiss gesture.

Selected Work: Live wallpapers, deck of cards app switcher, wake-to-apps API (Maps, Voice Memos, Notes), Lock Screen camera.

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.

Makor Capital
Tel Aviv
2011 - 2012

Software Developement for Front and Middle Office Desks
Identified areas where automation could improve traders' productivity and built tools to save them hours every day: trade reporting system in Ruby, Excel / VBA Pricers, Automated client confirmation system.

OneSeven Capital
New York
2009 - 2010

Quantitative Analyst on Fixed income futures and options
Implementation of trading decision making tools, Development of a pricing library in C and of portfolio management tools.

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   Photography, Cooking, Yoga, Arduino