

# DANIEL SPRINGER

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## WORK EXPERIENCE

### iOS Engineer

Chabad.org

Jan 2020 - Dec 2022 - 3 yrs

Skills: Xcode, Swift, Objective-C, Kotlin, Android Studio, Java

What I contributed to the team as the mobile app developer:

- Worked on writing code to achieve a pixel-perfect design following the designer's mockups
- Implemented new features as requested by the team
- Put together scripts to fetch localizations (translations) from the team's API, and to automate taking various screenshots to ensure all text is properly localized
- Worked with designers and testers to ensure that the user experience matched the expected standards for the operating system (iOS)
- Worked on improving code to reduce chances of bugs, fix known bugs, improve scalability, improve legibility, and abstract repetitive code blocks
- Apps I worked on include: Daily Study (built from scratch): [view](#), Siddur: [view](#), Shabbat (rewrote from Objective-C to Swift): [view](#)
- Occasionally also worked on Android apps, using Kotlin, Java, and Android Studio

### Student Mentor

Udacity

Apr - Jul 2017

Skills: Python, SQL, HTML, CSS, Debugging

- Assisted students through their learning journey, helping them debug their projects and programs
- Answered over 500 questions, ranking in the 90th percentile of forum contributors

## PERSONAL PROJECTS

**Motivator** — [view on App Store](#) — Nov 2022

- Motivates one to get out and work by showing a live countdown of how much one can still make
- Allows setting one's hourly rate, work start/end times, and workdays/days off

**PickerFull** — [view on App Store](#) — Aug 2018

- Allows taking or picking a photo and extracting any color from it
- Allows generating a color from millions of combinations using granular precision controls
- Stores created colors for later use via the iOS sandbox documents folder

**Mathee** — [view on App Store](#) — Jul 2018

- Collection of math games

**Prefacto** — [view on App Store](#) — Jun 2018

- Allows one to check if a number is prime, list primes in a range, decompose a number to its prime factors, get following and preceding primes, and share or save the results

## EDUCATION

**Udacity** — 2017 — [iOS Nanodegree](#) — [Intro To Programming Nanodegree](#)