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# DANIEL SPRINGER

[LinkedIn](#)  
[GitHub](#)  
[On the App Store](#)

## PROJECTS

**ColorFull** — [view on App Store](#) — [view on GitHub](#)

Aug 2018

*(Swift, UIKit, Outlets & Actions, UserDefaults, UIColor, UIView Animation, Xcode)*

- Generate a specific color from millions of combinations using sliders and spinners with HEX and RGB values, then save, copy, and share the color as a custom generated image, or plain text in either HEX or RGB values.
- Create random colors with the tap of a button or using Siri.
- Paste (import) a string of text representing a color from outside the app, as a HEX or RGB value, and edit it using the app's controls.
- Set the app to a light or dark theme and select an alternate app icon via in-app settings.
- Last chosen color, theme, and whether the HEX or RGB picker was last used, are saved for the next app launch.

**Guess** — [view on App Store](#) — [view on GitHub](#)

Jul 2018

*(Swift, UIKit, Outlets & Actions, Xcode, Adaptive design, Tables, Mathematics, Games)*

- Pick a number and have the app guess it in multiple ways through multiple games.
- Set the app to a light or dark theme, select an alternate app icon, and turn sounds on or off via in-app settings.
- Settings for theme and sound are saved for the next app launch.

**Prime** — [view on App Store](#) — [view on GitHub](#)

Jun 2018

*(Swift, UIKit, GCD & Dispatch, Outlets & Actions, Xcode, Tables)*

- Find out if a number is prime, list primes in a range, decompose a number into its primes and generate random primes (app can generate random primes with the tap of a button or using Siri).
- Set the app to a light or dark theme, select an alternate app icon, and turn sounds on or off via in-app settings.
- Settings for theme and sound are saved for the next app launch.

## WORK EXPERIENCE

**Udacity, Student Mentor, Remote**

Apr – Jul 2017

- Assisted students through their learning journey, helping them troubleshoot and debug their projects and programs.
- Expanded debugging knowledge going over code from aspiring developers with various backgrounds and experience levels.
- Answered over 500 questions, ranking in the 90th percentile of forum contributors.

## EDUCATION

• **Udacity, iOS Developer Nanodegree** — [view certificate](#)

Jun 2018

• **Udacity, Intro to Programming Nanodegree** — [view certificate](#)

Apr 2017