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Daniel Springer

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[GitHub](https://github.com/DaniSpringer)  
[On the App Store](https://itunes.apple.com/us/developer/daniel-springer/id1402417666?mt=8)

# Projects

**ColorFull** — [view on App Store](https://itunes.apple.com/app/id1410565176) — [view on GitHub](https://github.com/DaniSpringer/colorfull)  
*(Swift, UIKit, Outlets & Actions, UserDefaults, UIColor, UIView Animation, Xcode)*

* + Generate a specific colour from millions of combinations using sliders and spinners with HEX and RGB values, then save, copy, and share the colour as a custom generated image, or plain text in either HEX or RGB values.
  + Create random colours with the tap of a button or using Siri.
  + Paste (import) a string of text representing a colour 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 colour, theme, and whether the HEX or RGB picker was last used, are saved for the next app launch.

Aug 2018

**Guess** — [view on App Store](https://itunes.apple.com/us/app/guess-my-numbers-fun/id1406084758?mt=8) — [view on GitHub](https://github.com/DaniSpringer/guess)  
*(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.

Jul 2018

**Prime** — [view on App Store](https://itunes.apple.com/us/app/prime-numbers-fun/id1402417667) — [view on GitHub](https://github.com/DaniSpringer/prime)  
*(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.

Jun 2018

# Work experience

**Udacity, Student Mentor, Remote**

* + 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.

Apr – Jul 2017

# Education

* + **Udacity, iOS Developer Nanodegree** — [view certificate](https://graduation.udacity.com/confirm/LCJCVUPN)
  + **Udacity, Intro to Programming Nanodegree** — [view certificate](https://confirm.udacity.com/MWASLDRG)

Jun 2018

Apr 2017