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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, Siri Shortcuts)

- Generate a specific color from millions of combinations using sliders and spinners with HEX and RGB values, then export the color as a custom generated image, or as plain text in either HEX or RGB values.
- Create new random colors with the tap of a button or using Siri (Shortcuts).
- Import (paste) and export (copy, share, save) your color as text (HEX, RGB values), or image (custom generated screenshot).
- Last chosen color and the selected picker (HEX, RGB) are saved for the next app launch.
- Supports iOS 13 Dark Mode and alternate app icons via in-app settings.

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 after a few questions (multiple games).
- Generate and share solutions to the "8 Queens Puzzle".
- Supports iOS 13 Dark Mode and alternate app icons via in-app settings.

Prime — view on App Store — view on GitHub   Jun 2018

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

- Check if a number is prime, list primes in a range, decompose a number into its prime factors, share or save results.
- Generate random primes of a chosen size (XS, S, M, L, XL) with the tap of a button or using Siri (Shortcuts).
- Supports iOS 13 Dark Mode, alternate app icons, and show/hide thousands separator via in-app settings.

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