

Brooklyn, N.Y., USA  
+1 (276) 759-2730  
[musicbyds@icloud.com](mailto:musicbyds@icloud.com)

# 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