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# DANIEL SPRINGER

[LinkedIn](#)  
[GitHub](#)

## PROJECTS

### ColorFull — [view on GitHub](#)

Aug 2018

- 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).
- The last chosen color and the selected picker (HEX, RGB) are saved for the next app launch.

### Guess — [view on GitHub](#)

Jul 2018

- Pick a number and have the app guess it after a few questions (multiple games).
- Generate and share solutions to the "8 Queens Puzzle".

### Prime — [view on GitHub](#)

Jun 2018

- 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).

## WORK EXPERIENCE

### Chabad.org, iOS Developer, NY

Jan 2020 – Current

- (NDA applies, pending release).

### 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