

Matthew Doiron

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SUMMARY

Knowledgeable iOS Developer skilled in data collection, analysis and management. Coming from a clinical and academic background, works well under pressure and consistently meets deadlines and targets while delivering high quality work.

PROJECTS

Dungeon Dice Calculator – Available in App Store

- Calculate algebra equations using simulated multi-sided dice rolls
- Built using React Native, Javascript, and Objective-C

Superhero Database – In Progress

- Search for and explore thousands of Marvel and DC Comics superheroes
- Written in Swift and utilizes comicvine.com API using JSON

Neuro-Music Therapy Companion – In Progress

- Multiple tools for music therapists, including a metronome with synthesized instruments and a game which measures users voice amplitude and frequency
- Written in Swift and utilizes Audiokit framework for generating, analyzing, and manipulating sound

WORK EXPERIENCE

2017 – now **IOS DEVELOPER**

Clionsky Neuro-Systems, Springfield, MA (Remote)

- Designed and developed iOS app for administering, scoring, and generating a narrative report for medical records
- Employed a pay-per use model via in-app purchases and syncing of test credits via iCloud
- Used a combination of scoring algorithm, HTML, and CSS to create a narrative report which describes clinical findings, explains conclusions, and offers recommendations for patients.
- Launched March 2017 - appsto.re/us/Lt3Fib.i

2014 – 2016 **DOCTORAL TEACHING FELLOW**

Drexel University, Philadelphia, PA

- Developed and managed a relational-database
- Performed statistical analysis of research data
- Fulfilled teaching assistant responsibilities for multiple undergraduate psychology courses

2012 – 2014 **RESEARCH ASSOCIATE**

Spaulding Rehabilitation Hospital, MA

- Created dashboard for collecting and viewing clinical data
- Authored and co-authored multiple publications and posters

EDUCATION

Master of Science in Psychology

Drexel University – Graduated Winter 2016

Bachelor of Arts in Psychology & Philosophy

Hofstra University – Graduated Spring 2011

SKILLS

- | | |
|----------------|--------------|
| • Swift | • Git |
| • HTML | • SQL |
| • CSS | • MySQL |
| • Javascript | • PostgreSQL |
| • React Native | • R |
| • JSON | • SPSS |