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 – Launched in App Store April 2017 - appsto.re/us/Bmlbjb.i
- 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 algorithma, 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
- Objective-C
- HTML
- CSS
- Javascript
- React Native
- JSON
- Git
- SQL
- MySQL
- PostgreSQL
- R
- SPSS