Matthew

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Doiron

# SKILLS

## Languages

* iOS / Swift
* HTML
* CSS
* JSON
* Python

## Databases

* SQL
* PostgreSQL
* SQL Server

## Software/Systems

* Xcode
* Git
* Cocoapods

## Statistical Analyses

* SPSS
* R

## Graphic Design

* Inkscape
* GIMP

# INTERESTS

* Travel
* Laser Cutting
* 3D Printing
* Game Design
* Raspberry Pi
* Arduino

# PUBLICATIONS

A list of clinical publications, posters, and presentations can be found on: mjdoiron.github.io

# 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.

# Work Experience

2017 – now LEAD iOS DEVELOPER

*Clionsky Neuro-Systems, Springfield, MA*

* Designed and developed a clinical iOS app which allows clinicians to administer, score, and generate a narrative report for medical records
* Implemented a pay-per use model via a combination of in-app purchases and syncing of test credits via iCloud
* Used a combination of a scoring algorithm, HTML, and CSS to create a full narrative report for clinicians which describes findings, explains conclusions, and offers recommendations for patients.
* Launched March 2017 - [appsto.re/us/Lt3Fib.i](https://appsto.re/us/Lt3Fib.i)

2014 – 2016 DOCTORAL TEACHING FELLOW

*Drexel University, Philadelphia, PA*

* Developed and managed varying technology-related neuropsychological research projects
* Developed and managed a MySQL database for storing virtual reality data for over a dozen projects
* Performed statistical analysis of data using SPSS and R
* Fulfilled teaching assistant responsibilities for multiple undergraduate level psychology courses

2012 – 2014 RESEARCH ASSOCIATE

*Spaulding Rehabilitation Hospital, MA*

* Increased productivity by automating data collection of electronic medical records and displaying it in a dashboard
* Authored and co-authored multiple publications and posters
* Managed multiple aspects of ongoing research projects

# Education

2014 – 2016 Master of Science in Psychology

*Drexel University*

* Master's Thesis analyzed months of passively collected smartphone data to predict trait mindfulness

2007 – 2011 Bachelor of Arts in Psychology and Philosophy

Hofstra University