

Matthew Doiron

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

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

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