MELANIE L. **FRYMAN**
Developer + Data Analyst

+ CONTACT ME

415 Church Street #1404
Nashville, TN 37219

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+ EXPERIENCE

DATA ANALYST / DEVELOPER
PatientFocus / Feb 2015 - present

A patient-pay and customer service solution for healthcare providers. Performed complex analyses in an evolving data environment. Worked closely with client services and sales teams to identify business information needs and provide ongoing reports. Documented and improved existing data ingestion and cleaning processes. Developed account management tools in the internal administrative application that enabled staff to work independently of the IT team. Participated in redesign of existing web applications (client, patient, and administrative portals) and environment infrastructure.

APPRENTICE
Nashville Software School / July 2014 - Jan 2015

An intensive, full-time six month bootcamp for software engineering and web development. Developed full-stack web and hybrid-mobile applications in a rigorous and fast-paced environment. Designed and implemented multiple solo and group projects. Collaborated with peers utilizing technologies such as git, pair programming, and test-driven development.

EVALUATION SPECIALIST
Edvantia & McREL International / Aug 2011 - June 2014

Conducted external research and evaluation activities for multiple education projects including initiatives funded by the U.S. Department of Education and U.S. Department of Labor. Specialized in survey design, administration, and data analysis. Designed data collection instruments; collected, prepared, and analyzed quantitative data, including social network data; and developed reports and presentations of evaluation findings.

+ EDUCATION

GRADUATE IN SOCIOLOGY, M.A.
Middle Tennessee State University / May 2011

Summa cum laude
Thesis: *Massively Multiplayer Online Role-Playing Game (MMORPG) Player Identity: An Application of Identity Control Theory*

UNDERGRADUATE IN SOCIOLOGY, B.S.
Tennessee State University / May 2009

Summa cum laude

+ SKILLS

DATA

Data Collection

Data Analysis

Data Visualization

Statistics

Reporting

Research

Evaluation

Survey Design & Methodology

WEB DEVELOPMENT

Application Development

User Interface

User Experience

Testing

Documentation

OTHER

Cultural Context

Critical Thinking

Project Management

Verbal & Written Communication

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+ PROJECTS

Brownie Points
Capstone for NSS
UI/UX, Frontend, and Backend

For the final capstone project at NSS, I used the NASH (Node.js, AngularJS, SQL, Hapi) Stack to create a social web application for friends to award, track, and exchange brownie points.

Nashville Investor
Mid-term Group Capstone for NSS
Project Manager, UI/UX, and Frontend

Leveraging publically available data APIs on the Nashville real estate market, we created a MEAN Stack web app that provides users with much-needed information on potential real estate investments.

+ TECHNOLOGIES

Javascript	**Node.JS**
AngularJS	**R**
HTML5/Jade	**Java**
CSS/CSS3	**PHP**
SASS/LESS	**Express/Hapi**
jQuery	**Socket.IO**
Bootstrap	**Mocha/Chai**
Foundation	**Karma/Jasmine**
Cordova/Ionic	**Protractor**
Git	**PostgreSQL**
Grunt/Gulp	**MS SQL**
Travis CI	**MongoDB/Mongoose**
Coveralls	**SPSS**
AWS	**UCINet/NetDraw**
Heroku	**Remark Office OMR**
Bower	**Qualtrics**

+ AWARDS

Appr
HackTennessee 7 - Second Place
Group Project

The development team at PatientFocus joined forces at HackTN 7 to create a game that parodies life at a technology startup. As the first technical hire at a budding startup, you must battle legacy code, raise funds, fix computers, and squah bugs, before your funding runs out. Appr was built using Phaser, a HTML5 game framework, and features original artwork. Play at http://melanie.fryman.io/appr-ht7.

NashVesTN
HackNashville 6 - Finalist
Group Project: Backend & Community Engagement

Utilizing the MEAN Stack, Ionic, and Cordova, we created Mobile and Desktop apps that help non-profit organizations increase their community impact by engaging the Millennial Generation. See more at http://nashvestn.herokuapp.com.

**American Education Research Assocation
2014 Division H Award**
Making Time for What Matters Most i3 Development Project: Year 3 Evaluation Report