MARK HARPER

MarkHarper20@gmail.com | (919)-698-9265 | MarkHarper.io | Github: markharper

SKILLS

- JavaScript (including ES6/7)
- HTML5
- CSS3
- Material Design
- Responsive Web Design
- Twitter Bootstrap
- React Js
- Backbone Js
- Underscore Js
- jQuery
- Gulp Js
- Node Js
- D3 Js
- C3 Js
- HTML5 Canvas & SVG
- Git/Github
- Require Js
- Agile Development

EXPERIENCE

FRONT-END DEVELOPER | FACTIVATE **|** DURHAM, NC **|** Full-time 9 / 2015 - 5 / 2015

- Constructed editable, draggable, resizable charting components, revising UI/UX via iterative testing with internal and external teams (C3.js)
- Solved UI/UX & architectural barrier of reading data from HTML5 Canvas and pushing data to the clipboard for the application's cut/copy/paste functionality (jQuery & Javascript)
- Refactored Front-End components to reduce bugs and improve test coverage
- Contributed to daily standups and sprint retrospectives to focus on fast-paced development of an MVP
- Worked with Sales, Marketing and Quality Assurance to bring client recommendations into the product, implement user-behavior analytics and reduce feature regression

FRONT-END ENGINEER | BUILD IT GREEN - Academic Project **|** DURHAM, NC **|** Part-time 5 / 2015 - 09 / 2015

- Built a responsive single-page web application with Backbone.js
- Used D3.js to build over 40 visualizations, pulling in LEED scoring data from a Django API
- Created a clean, distinct Front End design with Google's Material Design Lite to display over 80 charts
- Connected unique content to each chart using both D3.js and jQuery
- Collaborated with Back End team members to establish an effective git workflow

CARE COORDINATOR | DUKE UNIVERSITY HEALTH SYSTEM **|** DURHAM, NC **|** Full-time 1 / 2014 - 05 / 2015

- Interacted with high-risk patients in a stressful environment to promote healthy lifestyle changes and resolve daily actions detrimental to the patient's well-being
- Evaluated detailed medical records to identify high value target patients for the Enhanced Services Program
- Worked to improve communication between healthcare providers, care coordinators and patients to translate clinical direction into patient behavioral change

FREELANCE TECHNICAL WRITER | SELF-EMPLOYED **|** DURHAM, NC **|** Part-time 9 / 2013 - 03 / 2014

- Crafted thorough scientific passages to influence a test-taker's perception of related multiple choice questions (Written for MCAT practice tests at MCATquestion.com)
- Established an efficient writing process for test passages to meet increased demand from clients
- Drafted successful job proposals with the goal of meeting the client's needs and differentiating myself from the competition through competitive pricing and high-quality service

EDUCATION

THE IRON YARD | DURHAM, NC **|** 05 / 2015 - 07 / 2015
- Completed the Front End Engineering program, an immersive 12-week coding program
- Excelled at creating unique, clean UIs with several different CSS frameworks
- Collaborated with students from Ruby and Python courses to create Full Stack Web Applications

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL | 08 / 2010 - 12 / 2013
BS Biology, BS Psychology | Overall GPA 3.4 / 4.0