

# Henry Millison

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<http://github.com/hmillison>

## Education

### University of Michigan, Ann Arbor

Expected Graduation

July 2015

Bachelor of Art in Informatics

Social Computing Track

An interdisciplinary major coupling the design of computing solutions with human computer interaction and big data analysis

### Relevant Coursework:

Programming and Introductory Data

Structures

Discrete Math

Design of Complex Websites

Building Interactive Applications

Interaction Design

Evaluation of Systems and Services

Social Information Processing

Graphic Design

Quantitative Research Methods

## Technical Skills

Comfortable With:

JavaScript, Node.js, jQuery, Express,

PHP, HTML5, CSS3, Bootstrap

Familiar With:

AngularJS, Sass, C++, Python,

CakePHP, MySQL, MongoDB

### Tools:

Adobe Photoshop, Git, Google App

Engine, Heroku

## Professional Experience

### Nutshell CRM | Software Engineer | Ann Arbor, MI

January 2015 – Present

- Building internal reporting tools to track customer subscription metrics, using Javascript, PHP and MySQL

### Seat Side Service | Lead Software Developer Intern | Ann Arbor, MI

May 2014 – August 2014

- Managed a team of three developers in overhaul of web application, using Javascript/jQuery, PHP and MySQL
- Designed and developed Point of Sales feature for use on tablets, which allowed for acquisition of clients in additional industries
- Implemented analytics to provide clients with sales data and customer profiles in an easy to use way

### SCDM | Project Management Intern | Frankfurt, Germany

June 2013 – July 2013

- Improved communication and efficiency between software developers in Armenia and executives in Germany through implementation of project management system

### Social Media Link | Web Production Intern | New York, NY

May 2012 – August 2012

- Designed and developed social network front-end and corporate Wordpress website
- Increased user participation through email marketing for product campaigns
- Ensured the reliability of client facing web services through extensive testing and database management

## Projects

### TripMe | Mhacks V

- Lists fares for flights around the country departing from the user's chosen airport within their budget
- Developed Node.js web service to parse flight data
- Used Ionic and AngularJS to build frontend iOS application

### Fixey | fixey.herokuapp.com | CalHacks

- Combines Biking and Public Transit Directions to provide eco-friendly and health conscious directions
- Contributed front end design, map visualization of Google Maps API data and processing location data
- Winner of Best Health-tech Hack

### New York Minute & Michigan Time | nymin.hmillie.io

- Provides nearest subway arrival times to user
- Utilizes MTA's static transit data and Javascript Geolocation
- Node.js and Parse used to handle data on backend
- Refactored front end code using AngularJS to provide real time bus times for the University of Michigan

### Live Code | livecodenow.herokuapp.com | MHacks IV

- Real time collaborative coding platform
- Primary contributed on the front-end design and user experience along with the back end development for the Find page and using Parse to dynamically update chat room data