

Emma Nelson

User Experience Engineer

Education

Rochester Institute of Technology, Rochester, NY
Bachelor of Science in Software Engineering

Expected May 2015
GPA 3.8 of 4.0

University of Limerick, Ireland
Study Abroad through Arcadia University

1/14 - 5/14

RELEVANT COURSES:

Usability, Web Engineering, HCI 2, Applied Interaction Design, Human Factors, Human Communication, Vector Imaging, Typography

AWARDS AND HONORS:

Tau Beta Phi, National Society of Collegiate Scholars, RIT Presidential Scholar, Honors Program, Golisano Student Spotlight

Experience

UX DESIGN INTERN HubSpot

Cambridge, MA
6/14 - 8/14

Assembled a design guide for the design team to use as boilerplate for creating mock-ups. Completed a thorough evaluation of the entire platform to dig up design inconsistencies and gaps. Corrected a couple of issues and offered alternative solutions for five others problems.

CO-OP IN HUMAN FACTORS The MITRE Corporation

Bedford, MA
6/13-12/13

Designed and implemented personnel recovery system UI using Ruby, Sinatra, jQuery, Bootstrap, and CouchDB. Created all interaction and design. Streamlined the process of completing the PDF form the system will replace by crafting a usable, interactive web form. Collaborated on two open source healthcare projects as a front-end developer working with HTML, LESS, SASS, CoffeeScript, and Thorax.js.

Projects

- Coordinating the effort to re-engineer the co-op evaluation system to use JavaEE and improve performance and usability for my year-long senior project.
- Developed a responsive project management web application using .NET and Angular.js for an Enterprise Systems course.
- Collaborated on a project to build a .NET web application that would allow users to check Facebook, track stocks, and maintain a calendar as a front-end developer.
- Worked on a team developing a prototype for a cross-device digital classroom as the team graphic designer, which included designing logos and UI layouts.

Activities

EVENTS HEAD - WOMEN IN COMPUTING @ RIT

5/14 - PRESENT

Organizer and facilitator of events to promote women in computing as well as social events open to the whole RIT community in an effort to connect WiC members with other like-minded women and men.

MEMBER - SOCIETY OF SOFTWARE ENGINEERS

9/10 - PRESENT

PUBLIC RELATIONS HEAD

3/12 - 12/12

Started a functional PR committee for the first time in club history.

MEMBER - PEP BAND

9/10 - PRESENT

Clarinet player in the band men's and women's hockey games and special events.

PHONE

(309) 235-4814

PREFERRED EMAIL

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SCHOOL EMAIL

ekn4766@rit.edu

WEBSITE

eknelson17.com

ONLINE PRESENCE

GitHub

Bitbucket

Google Code

LinkedIn

Tumblr

Flickr

Twitter

Google+

OTHER HOBBIES

Reading

Golfing

Piano & Clarinet

Textile Arts

Photography

Scrapbooking