

# Sarah Wessel

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## EDUCATION

**Northeastern University** 3.78/ 4.0 GPA

Boston, MA, Expected December 2020

Pursuing B.S. in Computer Science, Minors in Data Science & Social Enterprise

*Relevant Coursework:* Fundamentals of Functional Programming, Fundamentals of Object Oriented Programming,  
Principles of Information Science, Discrete Structures, Logic and Computation

*Honors:* Dean's List, National Merit Finalist Scholarship Winner

**Jackson High School** 4.0/4.0 GPA

Massillon, OH, May 2016

*Relevant Coursework:* AP BC Calculus, AP Statistics

## COMPUTER SKILLS

*Primary Languages:* Python, R, Java, HTML, CSS, Common Lisp, ACL2, Racket/Scheme, Processing

*Secondary Languages:* JavaScript, SQL, XML, DTD, XPath

*Software:* Git, QGIS, Eclipse, Microsoft Excel, Microsoft Access

## RELEVANT EXPERIENCE

**MyOnCampusChef** *Full Stack Web Development Intern*

Boston, MA, October 2016 – Present

- MyOnCampusChef is a recently launched online platform which allows students with kitchens to connect with and host those without, for a night of home cooked food and cultural immersion.
- Improve front end design on existing pages and create entirely new content using CSS, HTML, and Bootstrap
- Set up model forms using Django and expand our PostgreSQL database
- Lead a team of 4 web developers
- Helped company through customer testing and official launch of <http://www.myoncampuschef.com/>

## ADDITIONAL EXPERIENCE

**Canton Akron Kickers Soccer Club**, *Coach*

April 2014 – June 2015

Coached children ages 4 to 7; Taught new skills and lead practices

**Greater Akron Amateur Soccer Association**, *Referee*

September 2013 – November 2015

Refereed youth amateur soccer games; Developed leadership, problem solving skills, and attention to detail

**Stable Solutions**, *Volunteer*

June 2015 – August 2016

Provided IT support; Assisted in instructing weekly therapeutic riding lessons for people with disabilities; Led 2 new volunteer orientations and directed groups of younger volunteers

## ACADEMIC PROJECTS

**Chat Room Client**

Client written in Racket communicates with server to send and receive messages (including emoticons)

User may create new emoticons, block other users, and change their username globally

**Remote Controlled Drawing App**, (Northeastern Wireless Club Hardware Hackathon)

Software for a drawing app controlled by an Arduino-based remote; Dials on the remote control color, thickness, and opacity; Modes switch between draw, erase, and confetti; Software written in the Processing programming language

**Boston Running Data Visualization** (Group Project)

Used R and QGIS to compare frequency of running routes to tree density and pedestrian density

Developed website to display results: <https://a-lxe.github.io/boston-running/>

## PERSONAL INTERESTS

Ukulele, Guitar, Distance Running, Unicycling

## ACTIVITIES

**Wireless Club**, November 2016 – Present; **Entrepreneurship Club**, June 2016 – Present