

Sarah Wessel

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Boston, MA 02115

Education**Northeastern University**, Boston MA

- Pursuing B.S. in Computer Science, Minor in Social Entrepreneurship
- Expected Graduation: December 2020

Jackson High School, Jackson OH

- Diploma with Honors, June 2016
- GPA 4.5/4.0
- ACT: 34, SAT: 2190
- Relevant Courses: AP Calculus BC, AP Statistics

Skills/Strengths

- **Programming Languages:** Python, HTML, CSS, Racket, R, Processing, Basic Javascript, Basic Java
- **Software:** Git, QGIS
- **Character:** Self-Motivated, Creative Thinker, Proactive

Projects**Triangle Measure Calculator** in Python (Personal Project)

- Given any three measures of a triangle, will return all unknown measures

Chat Room Client in Racket (Assignment)

- Client communicates with a server
- User can to send and receive messages (including emoticons)
- User can create new emoticons, block other users, and change their username globally

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

- Software written in processing
- Remote built from an Arduino
- Dials on the remote change color, thickness, and opacity of the curser
- Buttons on the remote switch modes between draw, erase, and confetti
- RGB LED display shows current color

Boston Running Data Visualization (Group Project)

- Used R and QGIS to compare frequency of running routes to tree density and pedestrian density
- Results displayed online at <https://a-lxe.github.io/boston-running/>

Work Experience

Web Developer (Internship), MyOnCampusChef, October 2016 – Present

Referee, Greater Akron Amateur Soccer Association, Fall 2013 – Fall 2015

North Jackson Soccer Association, Fall 2013 – Fall 2016

Leadership Experience

Volunteer, Stable Solutions, June 2015 – August 2016

- Taught horseback riding lessons for people with disabilities.
- Led new volunteer orientations
- Led groups of younger volunteers
- Cleaned stalls, cleaned, painted, organized, provided IT support

Coach, Canton Akron Soccer Club Little Kickers

- Coached kids ages 4 to 7

Activities

Varsity High School Soccer, Fall 2016

- District Champions

Club Soccer Fall 2012 – Fall 2016

- State Finalists, Team Captain, 2016

Honors

- National Merit Finalist
- Graduated Summa Cum Laude
- Graduated with Honors
- World Record Holder