

# Emily Newman

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2045 Rouse Creek Ct  
Ann Arbor, MI 48018

## Education

**2015-19 Carnegie Mellon University C/O 2019**

School of Computer Science, BS in Computer Science

Relevant Coursework: Fundamentals of Programming, Concepts of Mathematics, Matrices and Linear Transformations

**2011-15 Ann Arbor Pioneer High School C/O 2015**

GPA: 3.99/4.00; ACT Score: 36

Relevant Coursework: AP Computer Science, AP Physics C: Mechanics, AP Calculus BC

## Academic Awards and Honors

**2014 NCWIT Michigan Aspirations Award**

I was recognized for my aptitude and interest in IT and computing, solid leadership ability, good academic history, and plans for post-secondary education.

**2014 Pioneer High School Women in Computing Award**

Conferred upon female students who have been recognized as outstanding examples of women developers of technology by the National Center for Women in Technology.

**2013-15 National Honor Society**

**2015 National AP Scholar**

## Leadership

**2015 Core Team Member: CMU MellonHeads Carnegie Mellon University**

Duties involve drafting a club constitution, raising awareness on campus about hackathons, and organizing events to bring makers, hackers, and newcomers in the CMU community together to collaborate on projects.

**2013-14 Student Leader: FIRST Robotics Pioneer High School  
Co-founder (2013); Student Leadership, Administration, Drive Team (2014)**

I participated in weekly leadership meetings and worked closely with our mentors to ensure that every student had an educational and enjoyable experience on our team. I also worked on the Drive Team, Design subteam, and Business subteam.

**2011-15 Student Leader: KEYS Youth Group First Presbyterian Church**

**2013-15 Varsity Crew Pioneer High School**

## Work Experience

**2013, 14 Junior Staff: Black River Ranch 50 hours/week, 5 weeks/year**

Staff teach girls how to ride and mentor/supervise them while they spend time at a sleep away horse camp. Junior Staff work under a counselor and take an active role in planning riding lessons and cabin activities. Staff must be good role models, hard workers, and have positive attitudes.

## Community Service

**2011-15 First Presbyterian Fundraising 2 hours/week, 15 weeks/year**

Fundraising and volunteering activities for the First Presbyterian Church of Ann Arbor.

**2012-15 Yearly Mission Trips**

Service in New Mexico, Costa Rica, Colorado, and Guatemala through youth group.

**2013-15 NHS Tutoring/Volunteer Work 10 hours/semester**

## Skills

**Python, Java, basic frontend web development, basic Android development**