Hannah Tipperman
htipperman@gmail.com (610) 299-0232

EDUCATION
Brown University, Sc.B. Computer Science, GPA 3.7   *Class of 2019*
- Coursework includes Web Apps, Computer Systems, Discrete Structures and Probability, Algorithms and Data Structures, Object-Oriented Programming, Management of Industrial and Nonprofit Organizations.

TECHNICAL EXPERIENCE
Teaching Assistant, Algorithms and Data Structures, Brown University   *Spring 2016*
- Instructed 170+ students in Java, Python, and algorithms through office hours (2 hours/week) and design discussions (2 hours/week).
- Graded written homework assignments and Python and Java coding projects.
- Selected as 1 of 30 TAs out of 70+ applicants.

Teaching Assistant, Object Oriented Programming, Brown University   *Fall 2016*
- Instructed 350+ students in Java and object oriented programming through office hours (4+ hours/week) and design discussions (2 hours/week).
- Graded both written homework assignments and Java coding projects.
- Updated all lecture material. Created first ever in-class lecture quiz material, used to reinforce key object oriented programming and Java concepts.
- Selected as 1 of 43 TAs out of 100+ applicants.

iOS programmer, Market Tour   *Summer 2016 – Present*
- Designed, developed, programmed, and created content for a walking tour of the Philadelphia Italian Market.
- Utilized Swift to code tab bar controllers, table view controllers, map views, and more.
- Gained experience in Firebase and Kinvey authentication and databases, UIMessage, and data transfer.

LEADERSHIP
Hack@Brown Workshops Lead Coordinator   *Spring 2015-*
Present
- Led STEM-related workshops for Brown community. Developed curriculum, planned logistics, and advertised programs.
- Appointed Co-Chair for the 2016 school year based on my freshman year work and contributions.

Brown Entrepreneurship Special Events Coordinator   *Spring 2016–Present*
- Hosted private and public talks with the founder of Palantir, spearheaded an annual startup festival, and coordinated tours of companies in Providence, NYC, and San Francisco for Brown University and other Providence area college students.

Robot Springboard Co-Founder
- Founded ongoing program to bring STEM and CS to underserved communities.
- Have held programs in inner city Philadelphia, Alaska, and Costa Rica.

AWARDS
- Stanford University She++ Fellowship Award, *2014 and 2015*
- National Center for Women in Information AspireIT Grant Recipient, *2013-2015*
- National Center for Women in Information Technology National Award, *2014*
- Vision 2020 Tomorrow Award, *2014*

SKILLS AND INTERESTS
Fluent: Java, Swift. Python
Proficient: React, C, Spanish
Interests: human-computer interaction, AI, traveling, escape rooms