

# Eleanor Harris

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## EDUCATION

**Mount Holyoke College**, South Hadley, MA  
B.A in Computer Science

Expected graduation: 2020  
GPA: 4.0

- *Technical courses*: Computing Systems (Fall 2019), Algorithms (Fall 2019), Data Structures, Linear Algebra, Advanced Object-Oriented Programming, Discrete Math, Calculus III
- *Honors*: Full-tuition Trustee Scholarship (awarded to 10 students per year), Microsoft Diversity Conference Scholarship, Mount Holyoke Gina Jacobsen Prize in Mathematics

## WORK EXPERIENCE

**Google** | Engineering Practicum intern, Sunnyvale, CA

*June - present*

- Developed static analysis checks that identify and fix suboptimal code across Google's Java codebase using the Error Prone and Refaster APIs
- Performed large-scale analyses of Google developer coding patterns with Java/SQL and protocol buffers
- Wrote analyzers to track every Java symbol usage in Google's codebase over time to improve team analytics

**Mount Holyoke CS department** | Research assistant, South Hadley, MA

*January 2018 - present*

- Collected data on CS degree attainment for United Nations EQUALS research group using Excel and R

**Mount Holyoke CS department** | Teaching assistant, South Hadley, MA

*January 2018 - present*

- Conducted tutoring sessions with students from two sections of Advanced Object-Oriented Programming
- Developed and taught workshops on data structures and programming to supplement the course curriculum

**Hillary for America** | Digital associate, Denver, CO

*June - November 2016*

- Created and scheduled campaign content on Twitter, Facebook, Instagram, and Medium
- Balanced state strategy with national goals, growing state Facebook audience from 5,000 to 50,000 in five months

## PROJECTS

**College 211 matching** | github.com/eleanorlakeh/college-211

*August 2018*

- Created Java application to pair Mount Holyoke's College 211 students by non-common academic interests using Edmonds' Blossom Algorithm and the JXL API

**Classroot.tech** | github.com/michaelsolati/classroot-tech

*October 2017*

- Led user experience development, coordinated between tech and design, and wrote content for a web application that uses machine learning to help CS teachers create a gender-inclusive environment
- Won overall first place in Hack Holyoke and best use of .tech domain

## LEADERSHIP

**Chair**, Girls in Technology conference, South Hadley, MA

*February - April 2018*

- Organized a conference to expose high school girls to CS through technical workshops and mentorship activities
- Led a 20-person team to ultimately raise over \$4000 in two months