# alana zakroczemski

## PROFILE

An undergraduate student at the University of Rochester in the Class of 2019 majoring in Computer Science and minoring in Studio Art.

## SKILLS

Experience with Java, HTML, CSS, Javascript, git, Python, PHP, MySQL and with Adobe Photoshop, Illustrator, Flash, and Dreamweaver. Practices photography, the Spanish language, has taken lessons in playing percussion instruments such as the timpani, xylophone, snare drum, and drum set for eleven years.

## EXPERIENCE

### SESAME WORKSHOP SUMMER 2017

Worked as a Web Development Intern in the Special Projects department of Sesame Workshop. Created a game making engine for web based Sesame Street English courseware in HTML, CSS, and Javascript and currently working with a small team in making a social media site for clinics in Japan using a PHP framework, Laravel, and MySQL .

### PIECE & CO. SUMMER 2017

Product Development Intern at Piece & Co., a sustainable textile company empowering artisanal communities of women across the world.  Assisted with curating design and technique books, and photographed their fabric in cataloging textile technique.  Also helped run and organize their 'Conversations with Female Leaders on Sustainability & Inclusivity' event showcasing their new collaboration with Banana Republic.

### HACKATHON WINNER - WOMEN IN COMPUTING AT RIT 2017

Co-winner of the 'Best Hack for Social Good by JP Morgan' with the creation of Eye Message.  The web application uses an open source Javascript library, p5.js, to create an interface for those who can't speak well or use their hands for the computer. The user communicates to others in flipping through the the possible messages by raising their eyebrows, and choosing a message by opening their mouth.

### THE RECURSE CENTER SUMMER 2016

Accepted into the Recurse Center, a NYC based programming retreat with the goal of developing a self-directed, educational community. Collaborated in learning javascript libraries, and principles of web development, user experience, and web design. Also volunteered to be a RC Start Mentor in order to help guide people of all ages in the early stages of teaching themselves to program.

### COMPUTER SCIENCE TEACHING ASSISTANT 2016-PRESENT

Chosen to be a workshop leader at the University of Rochester for CSC171, Intro to Programming, and CSC172, Data Structures and Algorithms. This involved leading a weekly workshop with a group of students to understand class material at a higher level, grading exams and quizzes, organizing review sessions, and taking a two credit class on teaching methods.

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