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# ALANA ZAKROCZEMSKI

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## PROFILE

An undergraduate student at the University of Rochester in the class of 2019 majoring in Computer Science and Digital/Studio Art.

## SKILLS

Proficient in Java, HTML, CSS, Javascript, Python and with Adobe Photoshop, Illustrator, Flash, and Dreamweaver. Experienced in photography, the Spanish language, have taken lessons in playing percussion instruments such as the timpani, xylophone, snare drum, and drum set for ten years. Also a member of the Delta Beta chapter of Phi Sigma Sigma.

## EXPERIENCE

### 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 with who ever is with them by 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, 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 CSC 171, Intro to Programming, and CSC 172, Data Structures and Algorithms . The position includes having a weekly class with the students, running an hour long review and lesson, setting up examples, grading tests, and taking a two credit class on teaching and student development.

### HARTNETT GALLERY ART GUIDE 2016-PRESENT

Works at the Hartnett Gallery at the University of Rochester to inform students about artists from across the country that have exhibits on campus. Also helps to organize four exhibits a semester lasting each about three weeks long, with a range of artists, styles, and backgrounds.

## RELEVANT COURSES

CSC170 Web Design & Development	CSC171 Intro to Programming
CSC172 Data Structures and Algorithms	CSC173 Computation & Formal Systems
CSC242 Artificial Intelligence	CSC191 Machines & Consciousness