

# Liza Pressman

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## EDUCATION

### University of Rochester

Bachelor of Arts in Computer Science, Mathematics, and Studio Arts

- GPA 3.67 out of 4.00 (Deans List, Deans Scholar)

Rochester, NY

Anticipated 2021

## EXPERIENCE

### Doctorbox Health, Inc.

Software Engineering Intern

- Used Java to summarize patient data and optimize visual display for surgeon's use
- Used AWS lambda functions to convert programs to serverless-side rendering

Sausalito, CA

Summer 2019

### Hostess/Waitress

La Note Restaurant

Berkeley, CA

June 2019 – PRESENT

### University of Rochester CS Department

Teaching Assistant for "Data Structures and Algorithms"

- Graded assignments and assisted students with weekly labs and term projects

Rochester, NY

Fall 2018

### Startup Wonder

Instructor

- Taught and designed curriculum for summer camp sessions focused on programming and entrepreneurship

Millbrae, CA

Summer 2018

### Lafayette Academy

Mathematics Tutor

Moraga, CA

Summer 2018

## RELEVANT COURSEWORK AND SELECTED PROJECT

### Computer Science

- Data Structures and Algorithms
- Computation and Formal Systems
- Artificial Intelligence
- Web Design
- Human Computer Interaction
- Computer Models of Human Perception and Cognition

### Mathematics

- Calculus (differential, integral, and multi dimensional)
- Linear Algebra (and Differential Equations)
- Discrete Mathematics
- Topology
- Cryptography
- Probability

### Studio Arts

- Digital Media Toolkit
- Advanced Sculpture
- New Media and Emerging Practices
- Writing on Art

### Therapy Journaling Application

- Created a web application using MERN stack for user's personalized journaling with automated feedback on user's private journals, along with mood and text analysis

## CAMPUS LEADERSHIP & ACTIVITIES

### University of Rochester, Toy Adaptation Program

Publicity and Community Outreach

- Maintain social media accounts and enhance publicity about meetings and events

Rochester, NY

April 2019 – PRESENT

### University of Rochester, Club Volleyball

Business Manager (2018-1019), Libero

- Maintained budget, allocated funds, handled registrations, and managed all travel expenses

Rochester, NY

August 2017 – PRESENT

### University of Rochester, Women in Computing

Member

Rochester, NY

August 2017 – PRESENT

## SKILLS

- Coding experience: Java, Python, HTML, CSS, Javascript, C
- Artistic/Design skills; Experience with Adobe products, Invision, Procreate, Vector graphics software