

# LIZA PRESSMAN

Software Engineer

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## EDUCATION

University of Rochester

B.A. in Computer Science, Mathematics, and Studio Arts | 2017-2021

GPA 3.71 out of 4.00 (Dean's List, Dean's Scholar)

## EXPERIENCE

Target

Software Engineering Intern | June 2020 – PRESENT

Working on the Purchase Orders Team developing with Java, Springboot, JOOQ, React, and Redux

DoctorPlan

Software Engineering Intern | June 2019 – August 2019

Worked on doctor facing tools

- Used Java to gather and summarize patient data and optimize visual display for surgeons' use
- Used Javascript to convert data to natural language
- Used Vue.js to develop a questionnaire web application

Startup Wonder

Instructor | July 2018 – August 2018

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

Lafayette Academy

Mathematics Tutor | June 2018 – July 2018

## PROJECTS

ResumeToWebsite | Python

[github.com/lizapressman/ResumeToWebsite](https://github.com/lizapressman/ResumeToWebsite)

Resume Parser that produces a resulting html portfolio site based on the resume.

Therapy Journaling Application | MERN

[github.com/Mayshinlyan/TherapyJournalling](https://github.com/Mayshinlyan/TherapyJournalling)

Application using MERN stack for personalized journaling with automated feedback based on mood & text analysis

Dijkstra's Algorithm | Java

Implemented a program using java graphics to find the shortest path between any two points in New York State

Connect Four AI | Java

Implemented a minimax algorithm along with a heuristic function and alpha-beta pruning (with a fixed depth cutoff)

## SKILLS

Languages

Java Javascript Python  
HTML CSS  $\text{\LaTeX}$  C  
Typescript SQL Assembly

Technologies

React Git Springboot Vue  
Docker Aws Redux JOOQ

Design Tools

Illustrator Procreate  
Photoshop Invision

## COURSEWORK

Data Structures and Algorithms  
Computation and Formal Systems  
Artificial Intelligence  
Web Design  
Human Computer Interaction  
Calculus (through multidimensional)  
Linear Algebra (Differential Equations)  
Discrete Mathematics  
Cryptography Probability

## ACTIVITIES

Toy Adaptation Program

Publicity and Community Outreach  
Chair | April 2019 - May 2020

Women in Computing

Member | Jun 2018 - Dec 2018

Club Volleyball

Business Manager | April 2018 - May 2019