

# LIZA PRESSMAN

Software Engineer

✉ lizarogot@gmail.com  
☎ (510) 410-0565  
🌐 lizapressman.com  
🔗 lizapressman

## 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)

Graduating May 2021

## EXPERIENCE

### Target

Software Engineering Intern | June 2020 - PRESENT

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

- Writing React components for internal Admin UI
- Writing PostgreSQL queries within Java Springboot backend and exposing them on rest endpoints
- Writing Java Springboot functional and unit tests

### DoctorPlan

Software Engineering Intern | June 2019 - August 2019

Worked primarily 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

## PROJECTS

Personal Website | React

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

Personal portfolio site written in React using Typescript and custom CSS

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 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

Member | August 2018 - PRESENT

Women in Computing

Member | Jun 2018 - PRESENT

Club Volleyball

Business Manager | April 2018 - May 2019

Member | August 2017 - PRESENT