

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)

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

- Gathered and summarized patient data using Java, optimizing visual display for surgeons' use
- Converted data to natural language using Javascript
- Developed a Vue.js 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, Typescript, CSS

lizapressman.com

github.com/lizapressman/PersonalWebsite

Personal portfolio site written in React using Typescript and custom CSS

ResumeToWebsite | Python, React, Flask

github.com/lizapressman/ResumeToWebsite

github.com/lizapressman/ResumeToWebsiteWebsite

React website that takes user inputted resume and parses it using Python backend to publish resulting HTML portfolio site

Therapy Journaling Application | MERN

github.com/Mayshinlyan/TherapyJournalling

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

Connect Four AI | Java

github.com/lizapressman/ConnectFour

Implementation of Connect Four using a minimax algorithm along with a heuristic function and alpha-beta pruning (with fixed depth cutoff)

SKILLS

Languages

Java Javascript Python
HTML CSS LaTeX C
Typescript SQL Assembly

Technologies

React Git Springboot Vue
Flask 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
Computer Organization
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