LIZA PRESSMAN

Software Engineer

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⌨ 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
- Implementing PostgreSQL queries within Java Springboot backend and exposing them on rest endpoints
- Executing 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