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
- 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

Personal portfolio site written in React using Typescript and custom CSS

ResumeToWebsite | Python

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

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 · 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