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, 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

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 Redux

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