Liza Pressman

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EDUCATION

University of Rochester   **Rochester, NY**

Bachelor of Arts in Computer Science (Human Computer Interaction), Mathematics, and Studio Arts   Anticipated 2021
- GPA 3.67 out of 4.00 (Dean's List, Dean's Scholar)

EXPERIENCE

Doctorbox Health, Inc.   **Sausalito, CA**

Software Engineering Intern   Summer 2019
- 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

Computer Science Department, University of Rochester   **Rochester, NY**

Teaching Assistant for "Data Structures and Algorithms"   Fall 2018
- Graded assignments and assisted students with weekly labs and term projects

Startup Wonder   **Millbrae, CA**

Instructor   Summer 2018
- Taught and designed curriculum for summer camp sessions focused on programming and entrepreneurship

Lafayette Academy   **Moraga, CA**

Mathematics Tutor   Summer 2018

RELEVANT COURSEWORK

Data Structures and Algorithms	Web Design	Linear Algebra (Differential Equations)
Computation and Formal Systems	Human Computer Interaction	Discrete Mathematics
Artificial Intelligence	Calculus (through multidimensional)	Cryptography
		Probability

SELECTED PROJECTS

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

Dijkstra's Algorithm
- Implemented a program using java graphics to find the shortest path between any two points in New York State

Connect Four AI
- Implemented a minimax algorithm along with a heuristic function and alpha-beta pruning (with a fixed depth cutoff)

CAMPUS LEADERSHIP & ACTIVITIES

Toy Adaptation Program, University of Rochester   **Rochester, NY**

Publicity and Community Outreach Chair (April 2019 – PRESENT), Member   August 2018 – PRESENT

Women in Computing, University of Rochester   **Rochester, NY**

Member   August 2017 – PRESENT

Club Volleyball, University of Rochester   **Rochester, NY**

Business Manager (April 2018 – April 2019), Libero   August 2017 – PRESENT

SKILLS

- Experience: Java, Javascript, Vue.js, Python, HTML, CSS, C
- Artistic/Design skills: Adobe products, Invision, Procreate, Vector graphics software