CHRIS RESNICK

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SKILLS: JavaScript, Python, CSS, HTML, React, Express, Flask, SQL, Docker, Postgresql, ChakraUI

PROJECTS:

Cardsapp   *Python, Flask, Javascript, React, ChakraUI, PostgreSQL*   live | github
An app for creating and sharing decks of flash cards
- Created social networking features including sharing, notifications, and requests by implementing a well-designed database layer in PostgreSQL with rich relationships
- Designed an intuitive and modern user interface by creating and styling React, ChakraUI components

Climbzy   Javascript, *React, Redux, Express, Google Maps API, AWS S3*   live | github
An Etsy-inspired app for mountain guides to list trips
- Used AWS SDK to generate signed URLs allowing for the efficient, secure upload of images, reducing server load
- Integrated Google Maps API for displaying geographic data, creating an intuitive user experience

Sort Some Bars   *JavaScript, CSS*   live | github
An independent project to teach fundamental sorting algorithms using dynamic animations
- Implemented an original dynamic animation system in vanilla javascript, making it possible to speed up and slow down animation, and depict details of sorting algorithms
- Solved multiple tricky algorithmic problems, including animating not-in-place sorting algorithms as though they were in-place algorithms, used efficient data structures, including a linked list to hold animation frames allowing quick addition and removal of frames from both ends

Instaclone   Javascript, *React, Python, Flask, CSS, PostgreSQL*   live | github
A group project Instagram clone
- Created reusable and responsive React components and styled them with CSS to make a pixel-perfect clone
- Implemented a RESTful API in Python/Flask to speed up the development cycle by standardizing interfaces

Virus overflow   Javascript, *Express, PostgreSQL*   live | github
A group project clone of stack overflow with a coronavirus theme
- Implementented the frontend in PUG templates allowing for rapid development while maintaining a dynamic site for users
- Designed a search algorithm using JavaScript and SQL to efficiently find questions and answers from user input

EXPERIENCE:

Earth Treks Climbing Centers
Lead Coach, Assistant Coach, Outdoor School Instructor, Gym Staff   Aug 2018 - Aug 2020
- Was promoted to Lead Coach and tasked by management with planning and leading the turn-around of a team identified as having a toxic culture.
- Mentored and supervised assistant coaches, including training new coaches and helping coaches build soft skills for interacting with athletes
- Helped athletes identify and overcome physical, technical and mental barriers to performance; facilitated by building excellent rapport with athletes

REI
Sales Specialist   April 2014 - Jun 2018
- Led a team during store-wide inventory and finished in record time while achieving a high degree of accuracy
- Taught in-store classes including Winter Camping, Backpacking, Knot Tying. Received excellent student reviews
- Outfitted thousands of customers in a high-traffic store with high customer satisfaction ratings.

EDUCATION:

Mount St Mary's University - *Philosophy and Economics , 2010-2013*
AppAcademy - Aug 2020- Jan 2021 - An intensive, highly selective 1000 hour full-stack development bootcamp