Rawaha Memon DDS MS

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Skills
JavaScript | Node.js | React | Redux | Express | Sequelize | Python | Flask | SQLAlchemy | HTML5 | CSS3 | Git | PostgreSQL | SQL | WTForms | PugJs | Jinja | Docker | Heroku | AWS | Socket.io | Japanese | Spanish

Projects

Digizon (React, Redux, Python, Flask, SQLAlchemy, HTML5, CSS3, Git, PostgreSQL, WTForms)   [Live Site](#) I [Github](#)
An E-commerce website with a clean UI as an independently made project.
- Created a clean intuitive UI with React and CSS
- Designed a dataflow using Flask and Redux that kept track of products in the cart even if a user logs out
- Designed an algorithm to update stock quantities and balances for buyer and seller when items in cart are purchased

Triple Confirmed Games (PugJs, Express, Sequelize, HTML5, CSS3, Git, PostgreSQL)   [Live Site](#) I [Github](#)
A video game review and organizing website that is created using Goodreads as a model as a team project.
- Coordinated a team of 4 software engineers from formulation to creation of a video game review and tracking website
- Implemented dynamic game-shelves using DOM manipulation and PugJs to render games on each shelf when selected
- Built a search function that checks for partial matches and redirects to a list or a game page based on number of results

Welp (React, Redux, Express, Sequelize, HTML5, CSS3, Git, PostgreSQL)   [Live Site](#) I [Github](#)
A business review website that was designed with Yelp in mind but with less clutter as an independently made project.
- Developed an original interface that has Yelp's styling but with less clutter using CSS3
- Implemented dynamic average ratings for business by using Sequelize and React
- Devised a method to display, add, edit, and delete buttons contextually using React to filter for user owned items

Experience

App Academy   November 2021 - Present
Software Engineering Instructional Assistant
- Taught full stack software engineering to students using Postgresql, SQL, Sequelize, Express, React, Redux, Pug, CSS
- Project advisor for 300+ student projects. Helped guide, design, and debug all aspects of projects
- Circle leader of the Implicit Bias workshop that brings to attention proper conduct in a professional environment

Retro Internship   February 2022 - May 2022
Software Engineering Intern
- Pair programmed with fellow intern to address tickets for Retro, a retro meeting management site

Pacific Hearts Dentistry   October 2015 - May 2020
Board Certified Pediatric Dentist and Founder

Lancaster Dental and Orthodontics   January 2017 - January 2018
Board Certified Pediatric Dentist

Education

App Academy   June 2021 - November 2021
Immersive 1000 hour software development course with focus on full stack web development.

University of Tennessee Health Science Center College of Dentistry   June 2011 - June 2013
Advanced Pediatric Dentistry Certificate, Masters of Science in Dentistry
- Awarded a $16,300 research grant, provided dental care to special needs patients in St. Jude Hospital, Memphis, TN

University of Southern California Herman Ostrow School of Dentistry   August 2007 - June 2011
Doctor of Dental Surgery

University of California, Irvine   September 2003 - June 2007
B.S. Biological Sciences, Minor in Japanese Language and Literature

Published Research Articles
- Urraca N, Memon R, et al. (2018). Significant transcriptional changes in 15q duplication but not Angelman syndrome deletion stem cell-derived neurons. Molecular Autism 9:6
- Urraca N, Memon R, et al. (2015). Characterization of neurons from immortalized dental pulp stem cells for the study of neurogenetic disorders. Stem Cell Res Nov; 15(3):722-730

References available upon request