

JULIA KATZ

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I am a web developer dedicated to developing and optimizing interactive, user-friendly and feature-rich websites. I am fascinated by web programming and building websites. I am keen to gain more experience in this field. I am currently looking for a job as a frontend developer.

Skills : Proficient: HTML/5, CSS(Flexbox/Grids), JavaScript, jQuery.
Familiar: Java, Python, C++, Data Structure, Adobe Flash with JavaScript, Machine Learning, VBS Database, SQL; Systems Design, AWS S3 Bucket as site, AWS Lex/ChatBot, SEO best practices and techniques.
Professionalism: Quick learner, unit testing and trouble-shooting.

Web Development Experience :

American Foundation for the Blind – Project Assistant – New York, NY September 2020

- Provided Excel Spreadsheets to convert FIS tables to HTML tables and provided ETL Service.

Freelanced Projects :

- Website (created via Weebly) - 2015
- Freelancer Projects: Created an Image Slider - April 2020
 - Created a Real Estate Webpage - May 2020
 - Created a Technology Webpage based on the differences between AR and VR - June 2020
 - Created a To Do List Webpage - August 2020
 - Created a Restaurant Menu and Newsletter - September 2020 - January 2021
 - Created a Link to Open a Menu in a PDF File - October 2020

Work Experience :

Teachers Assistant - Bright Horizons Family Solutions – Norwalk, CT October 2015 - Present

- Classroom management, teaching under supervision, optimizing various workflows to ease obstructions of teaching.
- Practiced breaking down lessons in lesson plans to manageable chunks and communicating them to children.

Veterinary Desk Assistant - Bull's Head Pet Hospital – Stamford, CT September 2006 - August 2014

- Onboarding new clients and following up with established clients.
- Scanned invoices and other hospital documents, documentation for new employees, puppy packages and inventory tracking.

Masters Projects :

Frontend Web Design - VARIOUS – <https://jksites.s3.us-east-1.amazonaws.com/Index.html>

- Creating static and responsive web pages using HTML/5 and CSS and JS.

Math Tutoring and Tracking Application - OWL: OFFLINE WHILE LEARNING - [https://github.com/jj7jj77/](https://github.com/jj7jj77/Offline-While-Learning-OWL.git)

[Offline-While-Learning-OWL.git](https://github.com/jj7jj77/Offline-While-Learning-OWL.git)

- Developed an application that gives the opportunity for elementary school children to learn mathematics and provide an additional educational experience that complement the teachings in the classroom. The application had optional pre-test features that helped the user identify their strengths and weaknesses and suggest a starting point.
- Functionality included: loading math problems from a SQL database.
 - Randomization of difficulty scaled problems with rotating problem sets and a direct feedback mechanism.
 - Application access offline, following UX design principles tracking and analyzations of the target audience.

Machine Learning Project - AVOCADO - <https://github.com/jj7jj77/Machine-Learning-Avocado-Project.git>

- Python based regression and correlation analysis predicting Avocado's Average Price with RMSE scores.

Java Project - ICE CREAM - <https://github.com/jj7jj77/JAVA-Ice-Cream-Project.git>

- Created a Java GUI application for an ice-cream parlor that auto creates output cost and order details including associated image based on filtering.

Python Project- ROCK, PAPER, SCISSORS GAME- <https://github.com/jj7jj77/Python-RPSgame.git>

- Created a hand game allowing the player choose Rock, Paper or Scissors to use against the computer's choice and also using if/else statements to make the choices of who will win what round with what they had chosen for the round.

Adobe Flash Animation - MICKEY MOUSE & VARIOUS - <https://github.com/jj7jj77/Flash-Animation.git>

- Created a keyboard object movement game using switch statements, event listeners and mouse event click behaviors via JavaScript.

Visual Basics Projects - VARIOUS - <https://github.com/jj7jj77/VisualBasics.git>

- Manipulating: various VB objects/assets to display database information: rows and datasets with UI/UX design.
- Added functionality of time dependent form and modular function manipulation.

Education :

Master of Science: Computer Science and Information Technology

Sacred Heart University, 2020

Graduate Certificate: Web Development

Graduate Certificate: Coding Bootcamp

Bachelor of Science: Liberal Studies with Concentrations in Wellness, Psychology and Art
2015
Associates of Science: Early Childhood Education
2012

Southern CT State University,
Norwalk Community College,