MELODY STERN

📞 773-372-5363
✉ melody@melodystern.com
⌨ github.com/melliemuse
in linkedin.com/melodystern

SOFTWARE DEVELOPER

I am a software developer building full stack web applications using JavaScript, React, Python and Django. Possessing both creative and analytical skillsets, I have a strong drive to understand how things work. I also have a strong desire to create, and I have always been drawn to fields which allow me to express both sides of myself. Working as a photographer was fulfilling artistically, but I was searching for something more challenging. After a year of self study and coursework at Nashville Software School, I have fallen in love with the creative problem solving presented by software engineering.

SKILLS

- Python, JavaScript, React, Django REST, SQL, HTML, CSS, Git, GitHub, CLI
- Agile, SCRUM, Kaban
- Adobe Creative Suite
- Nonviolent Communication

FEATURED PROJECTS

Of a Feather
Django Rest, React, SQLite, Material UI, Cloudinary
https://github.com/melliemuse/of-a-feather-react
https://github.com/melliemuse/of-a-feather-API
Of a Feather is a full stack dating app designed to help users maximize compatibility based on principles of psychology. Users complete an assessment created in React, and matching is determined by their score. A match is considered active when both users favorite the other. Users can upload images of themselves using Cloudinary. Styled with Material UI. Persistent storage and token authentication through Django Rest.

Braineaser
React, Charts.js, Cloudinary, JSON Server, Material UI
github.com/melliemuse/Brain-easer
Braineaser is designed to help users manage their anxiety through a combination of education, journaling prompts, science-backed interventions, and real-time tracking of mood and mood-management strategies. Built with **React**, leveraging CRUD functionality with **JSON Server** to store, dynamically populate, and sort app and user data. Styled using a combination of **CSS** and **Material UI.**

EDUCATION

Nashville Software School
- Javascript - React - Python - Django - SQL
Columbia College Chicago • BA Photography

SOFTWARE EXPERIENCE PYTHON/DJANGO

Full Stack Developer
NASHVILLE SOFTWARE SCHOOL   OCT 2019 - PRESENT
Six month accelerated program focused on Python, Django, SQL, Javascript, React, HTML5 and CSS3.
- Built front-end and full-stack web applications
- Mapped data relationships using ERDs, Lucid Chart, DB Diagram
- Used Agile processes and Kaban to manage issue tickets across projects
- Source code version control using GitHub

Bangazon - Group Project
- Full stack CRUD ecommerce application built with Django REST, SQL database, React Hooks using token-based authentication
- Personally responsible for logged in user to create and add items to an order, filter products by product type, delete products from shopping cart, add product to sell, and view product details
- Worked on back end functionality for favoriting sellers
- Wrote full CRUD viewset for Order Products in Django
- Wrote Integration Tests for Order Products
- Pair programmed models and fixtures

Nutshell - Group Project
- CRUD application utilizing JavaScript, Webpack, session storage and JSON Server for persistent data storage and authentication
- Responsible for developing messages section where users can create, read, or edit messages sorted by date
- Pair programmed task list section
- Created an ERD and wireframes as a team
  Re-created app using React, React Router, leveraging JSON Server with fetch API calls, developed news and friends sections in React, styled with Material UI

PROFESSIONAL EXPERIENCE

Photographer • Editor
MELODY STERN PHOTOGRAPHY   MAR 2010 - SEP 2019
- Optimized images for output on the web
- Created and maintained website using Wordpress
- Published photojournalist/ photo editor with Chicagoist

Photo Retoucher • Photographer • Designer
ABBVIE   APR 2016 - APR 2018
- Combined and transformed original photographs, existing portraits and photographs into animation-ready, highly stylized works of art for award-winning and critically acclaimed videos
- Produced 40+ composited digitally painted images featuring top AbbVie leadership based on critical reception of prior work
- Contributed to brainstorming sessions and provided rapid-fire creative campaign concepts in a collaborative environment
- Consistently delivered assets against tight deadlines for print, web, multimedia, and large scale applications

Photo Retoucher
BMG MODELS AND TALENT   Nov 2015 - Mar 2016
- Used aesthetic sensibilities and technical skills to optimize assets to achieve business goals
- Optimized images and resumes for web deployment

Event Photographer • Photo Booth Operator   Apr 2013 - Aug 2015
J.R. OWEN • LELAND JASON • DIAMOND EVENTS GROUP
- Oversaw image delivery using an FTP server
- Troubleshot printer errors on site
- Managed on-site photo booth operations from start to finish

Professional Experience Continued...

Sales Associate

CALUMET PHOTOGRAPHIC   Nov 2011 – Mar 2013

- Initiated training for employees on DOS-based POS system
- Won sales contest across multiple categories, consistently one of the top performers
- Communicated to customize product recommendations, to educate customers and build relationships