

ANDREA WU

Software Engineer

(754) 777-2265 | angeeya.wu@gmail.com | Milwaukee, WI | [PORTFOLIO](#) | [GITHUB](#) | [LINKEDIN](#)

SKILLS React, Redux, Javascript, Python, Java, Flask, HTML, CSS, SQL, Git, Express.js, Node.js, Sequelize, JQuery, SQLAlchemy, AWS S3, Docker, Object-Oriented Programming (OOP), REST, SCRUM, Agile, KanBan, Canva, Procreate, Github, Microsoft Excel

PROJECTS

EAST ELM (Flask, ReactJS)

[live](#) | [github](#)

East Elm is a web app inspired by West Elm. It's an e-commerce platform specially for home decoration products

- Produced the product listings' user-interface (UI) using React, CSS3 and user-centered design techniques , improving usability and user retention.
- Designed a conditional editing based on the time of order placing, using React to conditionally render the edit form depending on the local state, allowing users to edit their orders inside the order details page component.
- Implemented custom searching and sorting to facilitate product searches throughout the site using Flask-SQLAlchemy.
- Utilized AWS S3 to implement product image uploads reducing server load, allowing for scalability of image services and reducing the likelihood of data loss

AIRPUP (Express, ReactJS)

[live](#) | [github](#)

AirPup is a web app inspired by Airbnb, built with Sequelize, React, Redux, HTML5, and CSS3

- Configured the Node backend, using Sequelize ORM for validation and database queries.
- Managed scheduling a booking CRUD using Express backend framework to handle possible conflict bookings.
- Integrated Google Maps API to dynamically present booking locations based on user parameters.

ANYA-ETSY (Flask, ReactJS)

[live](#) | [github](#)

This is a very short sentence about what your project does and the languages you used

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- Implemented custom searching and sorting to facilitate product searches throughout the site using Flask-SQLAlchemy.

EXPERIENCE

Physician Assistant/ Clinic Manager

Meadowbrook Internist

2018 - 2020

- Provided medical services under the supervision of a physician (Dr. Elena Stephan), including conducting patient interviews, obtaining medical history, performing physical examinations, addressing patient's medical concerns, ordering diagnostic tests such as imaging or laboratory studies, interpreting the results, and drafting a plan of treatment for the attending physician to review.
- In the Electronic Medical Record (EMR) system, documented patient encounters and reviewed their previous clinic visits and hospitalization records.
- Maintained responsibility for the administrative aspects of a clinical facility.

Digital Artist

Freelance

2020 - 2022

- Created digital designs or illustrations using softwares such as Photoshop, Paint Tool Sai, Procreate, Clip Studio Paint.
- Provided my service in the form of commissions, participated in illustration events and zines.

EDUCATION

Software Development/ Web Development - *App Academy* | 2022 - 2023

Doctor of Medicine - *Ross University School of Medicine* | 2014 - 2018

Bachelor of Science in Laboratory Medicine and Pathobiology - *University of Toronto* | 2009 - 2013