Betty Chen

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LinkedIn: www.linkedin.com/in/bettychen41 | GitHub: https://github.com/bchen41
Portfolio: https://bchen41.github.io/react-portfolio/

Full Stack Web Developer with pharmaceutical and chemical laboratory industry experience and a biology background. Earned a Certificate in Full Stack Web Development from Rutgers University Coding Program. Self-motivated, detail-oriented and focused on developing responsive apps. Experienced working in fast-paced, team-oriented, and quality-driven environments to effectively and efficiently complete projects.

TECHNICAL SKILLS

Languages: JavasScript ES6+, CSS3, HTML5, SQL
Tools: Node.js, GraphQL, VS Code, Git, Insomnia, Heroku
Libraries: jQuery, Bootstrap, Express.js, ORM, Sequelize, Mongoose, React, Apollo, Jest
Databases: MySQL and MongoDB

PROJECTS

Animal Palace
https://github.com/bchen41/Animal-Palace | https://animal-palace-donation.herokuapp.com/
- Users are able to sign up, donate and symbolically adopt animals. Users must create an account to donate through Stripe and then are able to symbolically adopt the animals. Users are able to navigate to the contributions page to view the animals they have adopted and their total donations.
- Implemented front-end with React/Bootstrap, interfaced with back-end through Apollo client, and integrated Stripe API through back-end resolvers.
- React, MongoDB/Mongoose, GraphQL, Node.js, Javascript, CSS, Express.js, Heroku, Stripe

PokéFinder | https://github.com/bchen41/PokeFinder | https://bchen41.github.io/PokeFinder/
- Users are able to search for any Pokémon they desire and will be presented with its card and locations of where to find them. Users are able to retrieve data through the search history feature.
- Implemented skeleton of site, API fetches, error handling, and data caching using localStorage.
- HTML, CSS, Javascript, ZURB Foundation, Poke/PokemonTCG APIs

Day Planner | https://github.com/bchen41/Day-Planner | https://bchen41.github.io/Day-Planner/
- Users are presented with the current date and time and a color-coded daily planner based on past, present or future times. Users are able to save or unsave their to-dos and will have their inputs saved to local storage for future use.
- Sole author
- HTML, CSS, jQuery, Moment.js, Font Awesome, Bootstrap

EXPERIENCES

Scientific Design Company Inc.   **Oct. 2019 – Oct. 2021**
R&D Technician, Analytical   **Little Ferry, NJ**

Tested up to 20 samples per 12 hour night shifts in a fast-paced, team-oriented, and quality-driven environment and reported accurate results in a timely manner to support production.

- Managed maintenance and inventory of pH Meter by determining the frequency of replacing the storage solution for optimal performance and reduced my analytical department team's spending.
- Targeted and resolved instrument failure such that my team avoided further quality control complications and the company did not incur any losses.
- Validated research methods that led to safer and efficient procedures while still producing quality results.
- Periodically updated the safety manual, aided in editing SOPs for compliance, transferring data from hard copies into digital copies for proper documentation and disposal to pass internal and external audits.

Quagen Pharmaceuticals LLC   **Oct. 2018 – Oct. 2019**
R&D Technician, Analytical   **West Caldwell, NJ**

Worked with 20 team members to perform multiple different tests on active pharmaceutical ingredient (API), excipients/raw materials and final drug products following SOPs and STPs.

- Complied with cGMP regulations by drafting protocols, writing reports, processing data and preparing data packages to avoid any violations.
- Performed a range of experiments for method validation to support the development of drug products.
- Calibrated in-house flow rate of HPLC/UPLC to maintain the instruments and pass external audits.

EDUCATION

Certificate, Full Stack Web Development – Rutgers University   New Brunswick, NJ

B.S., Molecular and Cell Biology – University of Connecticut   Storrs, CT