

BETTY CHEN

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LinkedIn: [/bettychen41](#) | GitHub: [/bchen41](#) | Portfolio: <https://bchen41.github.io/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: JavaScript ES6+, CSS3, HTML5, SQL

Tools: Node.js, jQuery, Bootstrap, VS Code, Git

PROJECTS

PokéFinder | [/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, VS Code, and Poke/PokemonTCG APIs

Weather Dashboard | [/bchen41/Weather-Dashboard](#) | <https://bchen41.github.io/Weather-Dashboard/>

- Users are able to search their desired cities to see its current and future forecasts. Users are able to retrieve data through the search history feature.
- Sole author
- HTML, CSS, Javascript, Bootstrap, VS Code, Font Awesome, OpenWeather API, Moment.js

Day Planner | [/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
R&D Technician, Analytical
07643

Oct. 2019 – Oct. 2020
Little Ferry, NJ

Performed QC tests in a fast-paced, team-oriented, and quality-driven environment and reported accurate results in a timely manner to support production.

- SuperTech for pH meter: Determined frequency of replacing storage solution and resolved incorrect reading issue.
- Aided scientists by performing repeated experiments to validate the research methods.
- Performed safety shower/sink inspections and yearly chemical inventory checks to maintain a safe and orderly environment.

- Periodically updated the safety manual, aided in editing SOPs for compliance, transferring data from hard copies into digital copies for proper documentation and disposal.

Quagen Pharmaceuticals LLC, 07006
R&D Technician, Analytical
NJ

Oct. 2018 – Oct. 2019
West Caldwell,

Performed tests on active pharmaceutical ingredient (API), excipients/raw materials and final drug products following SOPs and STPs.

- Aided scientists in performing analytical method development and validation with respect to drafting protocols, writing reports, processing data and preparing data packages.
- Performed optimization, stability test experiments, HPLC/UPLC in-house flow rate calibration.
- Made purchase requests (PR) for chemicals, stationary and laboratory supplies.

EDUCATION

Certificate, Full Stack Web Development – Rutgers University

New Brunswick, NJ

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

Storrs, CT