

Andy Chou

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SUMMARY

Full stack developer with 1 year of personal experience in creating intuitive and dynamic web applications.
Eager to learn and skilled in problem solving, team collaboration, and project organization.

SKILLS

Programming Languages: JavaScript, HTML, CSS, C#, Python

Frameworks and Libraries: Redux, React, React Native, Bootstrap, Node.js, Express

Database Tools: MySQL, MongoDB

Other Technologies: Git/GitHub, AWS, Heroku, jQuery, Postman

Interpersonal Skills: Team and personnel management, client collaboration, inter-departmental communication

PROJECTS

Personal Portfolio - a responsive web page built utilizing Bootstrap and a bit of JavaScript.

- andychchou.github.io

Table Top Town - a table-top-themed website built using React, showcasing frontend and backend deployment.

- Home page: tabletoptown.herokuapp.com/
- Chess app created using JavaScript and React: tabletoptown.herokuapp.com/games/chess/play

WORK EXPERIENCE

Novartis, San Diego, CA

Process Science Engineer

Current

Nov 2020 – Present

- Conducted process development and engineering for various bioreactor designs.
- Facilitated inter-department communication to implement improvements to laboratory operations.

Abzena, San Diego, CA

Senior Process Development Associate

4 years and 8 months

Mar 2020 – Nov 2020

- Managed a team of process development associates and scheduled responsibilities for staff.
- Collaborated with clients on projects, including design of experiments and project proposals.
- Implemented computer automation of cell culture operations as well as data processing.

Lead Process Development Associate

May 2019 – Mar 2020

- Communicated with clients on a regular basis, including presentation of data and project timelines.

Process Development Associate

Jul 2017 – May 2019

- Utilized Design of Experiments (DoE) and multivariate data analysis for process optimization.

Production Associate

Apr 2016 – Jul 2017

- Operated stirred tank and wave bioreactors in upstream cell culture manufacturing.

EDUCATION

Nucamp Coding Bootcamp

Full Stack Web and Mobile App Development

May 2021 – Nov 2021

- Relevant courses: HTML/CSS/JS, Bootstrap, React, React Native, Node/Express+MongoDB

University of California, San Diego

Bachelor of Science in Biochemistry, Department of Chemistry

2011 – 2015

- Relevant courses: Multivariable Calculus, Differential Equations, Statistics, Quantum Mechanics