

Andy Chou

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SUMMARY

Full stack developer with 1 year of personal experience in creating intuitive and dynamic web applications.

SKILLS

Programming Languages

C#, Python, JavaScript, HTML, CSS

Frameworks, Libraries, Technologies

Redux, React, React Native, Bootstrap, Node.js, Express, MongoDB, RESTful API

Interpersonal Skills

Team and personnel management, client collaboration, inter-departmental communication

PROJECTS

Personal Portfolio - a responsive web page built using Bootstrap.

- <https://andychchou.github.io>

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

- Home page: <https://tabletoptown.herokuapp.com/>
- Chess app created using JavaScript and React: <https://tabletoptown.herokuapp.com/games/0/play>

WORK EXPERIENCE

Novartis Gene Therapies, San Diego

Process Science Engineer

Current

Nov 2020 – Present

- Conducted process development and engineering as well as pipeline support.

Abzena, San Diego

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.
- Trained staff on the operation of the ambr250, a high throughput, automated 24-vessel bioreactor system.

Lead Process Development Associate

May 2019 – Mar 2020

- Communicated with clients on a regular basis, including presentation of data and project timelines.
- Facilitated inter-department communication to implement improvements to laboratory operations.

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.

AltheaDx

2 months

Lab Accessioner

Mar 2016 – Apr 2016

- Received and accessioned samples into a laboratory information management system (LIMS).

EDUCATION

Nucamp

Full Stack Web and Mobile App Development

May 2021 – Nov 2021

University of California, San Diego

Bachelor of Science in Biochemistry, Department of Chemistry

2011 – 2015