

Andy Chou

(619) 519-9644 | andychchou@gmail.com | [linkedin.com/in/andychchou/](https://www.linkedin.com/in/andychchou/) | github.com/andychchou | San Diego, CA

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#, Java, Python

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

Database Tools: MySQL, MongoDB, PostgreSQL

OS and IDE: Windows, Linux, Visual Studio, Eclipse

Other Technologies: Git/GitHub, AWS, Heroku, REST API integration, Postman, virtual machines

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

PROJECTS

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

- andychchou.github.io

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

- tabletoptown.herokuapp.com

WORK EXPERIENCE

Innovative Defense Technologies, San Diego, CA

Associate Software Engineer

Apr 2022 – Present

- Developed, integrated, and tested software applications in development and production environments.

Novartis, San Diego, CA

Process Science Engineer

Nov 2020 – Apr 2022

- Conducted process development and engineering for various bioreactor designs.

Abzena, San Diego, CA

Senior Process Development Associate

May 2019 – 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.

Process Development Associate

Jul 2017 – May 2019

- Facilitated inter-department communication to implement improvements to laboratory operations.
- 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