

Brandon Ly

brandonkly@ucla.edu | 626-384-8933 | West Covina, CA

[LinkedIn](#) | [GitHub](#) | Portfolio

I am a young professional with a Bachelor's degree in Biochemistry and a certification in Full Stack Flex Coding. I am seeking a position as a software engineer. I am proficient in creative problem solving and team collaboration, as well as being quick to learn new skills and technologies.

Technical Skills

Frontend: *HTML5, CSS, JQuery, Javascript, Bootstrap, TailwindCSS*

Backend: *MySQL, MongoDB, Express, ReactJS, Node, Vite, Handlebars, Webpack*

Projects

Project 3 | [Repo](#) | [Deployed](#)

Role

- *Expected 3/21/23*
- *N/a*
- *Tools/Languages:*

isGame: True | [Repo](#) | [Deployed](#)

Full Stack Engineer/Project Manager

- *A short platformer arcade game where users can compete for high scores.*
- *This application utilizes Phaser.io and Tiled for game development and is capable of sending user scores to a MySQL database for global display. My responsibilities include project management, game development and direction(sprite animation, physics, enemy logic, scene management, scoring, design music, sfx, etc.), and user/score data.*
- *Tools/Languages: Javascript, MySQL, Express, Node, Handlebars, CSS, Bootstrap, Phaser.io, Tiled*

Duck Blog | [Repo](#) | [Deployed](#)

Full Stack Engineer

- *A satire tech blog for users to post bad tech advice.*
- *This solo project is a fully functioning tech blog, designed to have a silly, lighthearted theme. It supports user posts and comments, with the ability for users to update and delete posts of their choosing.*
- *Tools/Languages: Javascript, MySQL, Express, Node, Handlebars, TailwindCSS*

Urban Info | [Repo](#) | [Deployed](#)

Data Management

- *A simple web app where users can search socioeconomic data for different cities.*
- *This project is a successful demonstration of using a third-party API to receive data and the ability to aggregate this data for users to see. My responsibilities include managing API calls, search bar functionality, and data aggregation.*
- *Tools/Languages: HTML, CSS, Javascript, Bootstrap, JQuery, Python, Google Fonts, Teleport API*

Work Experience

PPG*Feb. 2022 - Sept. 2022**Research and Development Chemist**Burbank/CA*

- *Efficiently researched material properties of aerospace products with industry experts and team members.*
- *Used strong logical and analytical skills to help my team advance the development of several different chemical technologies.*
- *Quickly mastered many laboratory techniques and used my expertise in training new team members.*

Education*University of California, Los Angeles**Dec 2020**Bachelor of Science, Biochemistry**University of California, Irvine**March 2023**Full Stack Flex Coding Certification*