

Brandon Diep

909-618-7113 | brandondiep2711@gmail.com | [linkedin.com/in/brandon-diep](https://www.linkedin.com/in/brandon-diep) | github.com/BrandonTDiep

SUMMARY

Software engineer with a passion for problem-solving and creating efficient, user-friendly solutions. Able to effectively self-manage during independent projects and collaborate in a team setting. Committed to utilizing my skills to help solve real-world problems and develop applications to help others.

EDUCATION

California State Polytechnic University, Pomona

Bachelor in Computer Science, GPA 3.76

Pomona, CA

Aug. 2020 – May. 2024

PROJECTS

Patient Scheduling System | *Java, SQL*

April 2023 - May 2023

- Developed a scheduling system that helps patients make an account and schedule appointments
- Created easy-to-navigate graphical user interfaces using JavaFX so that users can interact with the system
- Wrote SQL queries that stored patient information and their appointments to the MySQL database
- Led a team of 5 and utilized GitHub to collaborate on code

Mama's Recipes | *Dart, Flutter, Firebase*

June 2023

- Developed a mobile application that helps users easily save their mama's recipes
- Ensured user-created recipes are saved to Firebase
- Allowed users to create, delete, and favorite their recipes
- Worked on user authentication, so logged-in users are displayed their created recipes

Stargazers Society | *HTML, CSS, JavaScript*

September 2023

- Integrated NASA API APOD to design a website to display the daily astronomy picture and its description
- Implemented the ability to choose different dates to show a different astronomy picture for that day

Username/Password Authentication System | *Python, sqlite3*

July 2022

- Developed a database management system that lets users create/delete an account, log in with their username/password, and change their password.
- Designed a simple user-friendly interface using PySimpleGUI

Cookie Clicker Game | *React, Django, CSS*

November 2023 - December 2023

- Developed a full-stack web application similar to the popular game "Cookie Clicker"
- Worked as a front-end developer and wrote the functions for the gameplay screen
- Solved issues regarding the login-to-game API connector

VOLUNTEERING

48in48 Global Event - Zaban Paradies Center | *Remote*

October 2023

- Participated in a fast-paced, meaningful event to build professional quality websites for a nonprofit organization
- Utilized expertise in web development and built solutions to align with the needs of the organization
- Applied agile methodology for project management

IgniteCS Programming Expo | *Remote*

September 2023

- Interviewed project members by asking questions about their projects for encouragement.
- Evaluated Grades 9-12 students' projects by ranking them based on quality for programming competition.

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, SQL

Frameworks: React, Node.js, Express.js, WordPress

Developer Tools: Git, VS Code, Eclipse, Android Studio, MySQL, MongoDB