

# Brandon Diep

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## SUMMARY

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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

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### California State Polytechnic University, Pomona

*Master in Computer Science*

Pomona, CA

*Aug. 2024 – May. 2026*

### California State Polytechnic University, Pomona

*Bachelor in Computer Science, GPA 3.79*

Pomona, CA

*Aug. 2020 – May. 2024*

## PROJECTS

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### MovieTime | *HTML, CSS, JavaScript, Express.js, Node.js, MongoDB,*

Feb - March 2024

- Developed a full-stack movie review web application utilizing MVC architecture
- Enabled users to follow others, create reviews to share, and create profiles
- Integrated TMDB API to obtain movie information

### Civil Engr. Faculty Search Engine | *HTML, CSS, JavaScript, Flask*

May 2024

- Developed a search engine using Python and libraries such as BeautifulSoup and scikit-learn to crawl, parse, and rank my college civil engineering professors' documents, ensuring relevant data retrieval
- Collaborated with team members to help design the UI for displaying the ranked civil engineering professors' documents based on a given search query

### Cookie Clicker Game | *React, Django, CSS*

Nov 2023 - Dec 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

### Stargazers Society | *HTML, CSS, JavaScript*

Sep 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

### Patient Scheduling System | *Java, SQL*

Apr 2023 - May 2023

- Developed a scheduling system that helps patients make an account and schedule appointments
- Wrote SQL queries that stored patient information and their appointments to the MySQL database

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

June 2023

- Developed a mobile application that helps users easily save their mama's recipes
- Ensured that created, deleted, and favorited recipes are saved to Firebase

## VOLUNTEERING

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### 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

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

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

**Developer Tools:** Git, VS Code, Eclipse, MongoDB, MySQL, PostgreSQL