

Brandon Diep

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SUMMARY

Software engineer specializing in developing efficient, user-friendly applications. Proven ability to collaborate effectively in team settings and manage projects independently. Dedicated to applying technical skills to solve real-world challenges and deliver impactful solutions.

EDUCATION

California State Polytechnic University, Pomona

Master of Science in Computer Science

Pomona, CA

Aug. 2024 – May 2026

California State Polytechnic University, Pomona

Bachelor of Science in Computer Science, GPA 3.79

Pomona, CA

Aug. 2020 – May 2024

PROJECTS

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

Feb - March 2024

- Created 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, MongoDB

May 2024

- Built 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 ranked search results

B-commerce | React, Express.js, Node.js, MongoDB

June 2024

- Developed full-stack e-commerce site that simulates users searching, buying, and saving products to their cart
- Integrated user authentication with JWT

Cookie Clicker Game | React, Django, CSS

Nov 2023 - Dec 2023

- Created 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

- Designed a website using NASA API APOD to display daily astronomy pictures and descriptions
- Added a date selection feature, enabling users to view astronomy pictures from different days

Patient Scheduling System | Java, SQL

Apr 2023 - May 2023

- Developed a scheduling system for patients to create accounts and schedule appointments
- Wrote SQL queries that stored patient information and their appointments to the MySQL database

VOLUNTEERING

48in48 Global Event - Zaban Paradies Center | Remote

October 2023

- Contributed to the development of professional-quality websites for a nonprofit organization during an intensive event
- Leveraged web development skills to create tailored solutions that met the organization's specific requirements
- 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, MongoDB, MySQL, PostgreSQL