Brandon Diep

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SUMMARY

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

EDUCATION

California State Polytechnic University, Pomona Pomona, CA
Master in Computer Science *Aug. 2024 – May. 2026*

California State Polytechnic University, Pomona Pomona, CA
Bachelor in Computer Science, GPA 3.79 *Aug. 2020 – May. 2024*

PROJECTS

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

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
- 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

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, MongoDB, MySQL, PostgreSQL