Brandon Diep

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EDUCATION

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

California State Polytechnic University, Pomona   Pomona, CA
Bachelor of Science in Computer Science, GPA 3.8   *Aug 2020 – May 2024*

EXPERIENCE

Software Engineer Intern   Sep 2024 – Present
PROJXON   *Remote*
- Spearheaded the development of a dynamic website with a robust backend and seamlessly integrated a React.js front-end blog, completing the entire project within 1 week. Completed the project in one week, optimizing the blog structure for user engagement and delivering a responsive, modern web experience
- Troubleshot and debugged performance bottlenecks, optimizing API calls and reducing load times by 10%, using Chrome DevTools and performance profiling.

PROJECTS

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 and REST APIs for external product data and services

MovieTime | *HTML, CSS, JavaScript, Express.js, Node.js, MongoDB,*   Feb - March 2024
- Created a full-stack movie review web application using MVC architecture
- Enabled users to follow others, create reviews to share, and create profiles

Civil Engr. Faculty Search Engine | *HTML, CSS, JavaScript, Flask, Python, MongoDB*   May 2024
- Built a search engine using Python and libraries such as BeautifulSoup and scikit-learn to crawl, parse, and rank Cal Poly Pomona civil engineering professors' documents, ensuring relevant data retrieval
- Collaborated with team members to help design the UI for displaying ranked search results

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

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
- Leveraged web development skills to create tailored solutions that met the organization's specific requirements
- Applied agile methodology for project management during intensive event

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL
Frameworks: React, Node.js, Express.js, Bootstrap, WordPress
Developer Tools: Git, VS Code, Eclipse, PyCharm, MongoDB, MySQL, PostgreSQL