

Brandon Diep

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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 3.8

Pomona, CA

Aug 2020 – May 2024

EXPERIENCE

Full-Stack Web Developer Intern

Sep 2024 – Present

PROJXON

Remote

- Spearheaded the development of a dynamic website using Express.js and Node.js for the backend and seamlessly integrated a React front-end blog, completing the entire project.
- Troubleshoot and debugged performance bottlenecks, optimizing API calls and reducing load times by 10%
- Modernized website codebase leveraging modern frameworks, providing a scalable architecture and a responsive, modern web experience

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

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

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