

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

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

EXPERIENCE

Full-Stack Web Developer Intern

Sep 2024 – Present

PROJXON

Remote

- Spearheaded a dynamic website with Express.js and Node.js backend, integrating blog data seamlessly into a React frontend.
- Optimized REST API calls in Express.js, reducing load times by 20%.
- Refactored the website codebase using modern frameworks, improving scalability and delivering a responsive user experience.

PROJECTS

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

June 2024

- Developed a full-stack e-commerce site simulating user workflows, including product search, purchase, and cart management.
- Implemented user authentication using JWT and integrated REST APIs for external product data and services.

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

March - May 2024

- Created a full-stack movie review application using MVC architecture, enabling user profiles, review sharing, and follower features, with data stored in MongoDB.
- Built REST APIs with Express.js to fetch movie data from TMDb and deliver it dynamically to the frontend.

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

May 2024

- Built a Python-based search engine using BeautifulSoup and scikit-learn to crawl, parse, and rank civil engineering faculty documents from Cal Poly Pomona.
- Collaborated on UI design to display ranked search results, ensuring a user-friendly interface for relevant data retrieval.

Patient Scheduling System | *Java, SQL*

Apr 2023 - May 2023

- Developed a scheduling system allowing patients to create accounts and book appointments seamlessly.
- Wrote SQL queries to manage and store patient information and appointment data in a 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 HTML and CSS web development skills to create tailored solutions that met the organization's specific requirements.
- Applied agile methodology for project management during intensive event.