

# Brandon Tieu

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## Summary

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Computer Science graduate with a strong foundation in software development, quality assurance, and database management. Proficient in JavaScript, React, SQL, Python, and C++, with experience in developing and testing applications. Detail-oriented, self-motivated, and adaptable team player, with a track record of high academic performance. Passionate about delivering exceptional user experiences and continuously improving development skills.

## Skills

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JavaScript | Python | SQL | C++ | React | Node.js | Express | Next.js | Git | GitHub  
VS Code | Jest | Quality Assurance | Oracle Database | SQL Server (SSMS) | HTML5 | CSS | JSON | npm

## Experience

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### QA Software Engineer Intern

May 2024 - Present

#### Dassault Systèmes

Long Beach, CA

- Performed manual and regression testing on various DELMIA Data Science Experience apps, ensuring they met user requirements and functionality specifications.
- Collaborated with developers to document bugs and verify bug fixes to improve the application over multiple testing cycles.
- Wrote and optimized SQL queries in SQL Server Management and Oracle Database to validate data accuracy and consistency across platforms.
- Actively participated in daily scrum meetings, contributing to agile development processes and communication between cross-functional teams.

## Projects

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### Beead Music

December 2023 - February 2024

<https://beead-music-web-app.vercel.app/>

- Designed and developed a minimalistic user interface for a music discovery platform.
- Integrated Spotify API to pull real-time music releases and news, and included a music player for all songs for quick listening.
- Implemented a search bar that allows users to explore songs, albums, and artists.
- Tech/Tools: React, Next.js, App Router, Axios, HTML/CSS

### ProRealtors

June 2023

<https://pro-realtors-web-app.vercel.app/>

- Built a responsive property listing web app that features an interactive image carousel for property photos.
- Developed with a responsive design by rendering different sized components based on screen width.
- Tech/Tools: React, Next.js, ChakraUI, Axios, HTML/CSS

## Education

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### University of California, Irvine

Irvine, CA

#### Bachelor of Science, Computer Science

June 2022

Major GPA: 3.86 / 4.00 - Dean's Honor List (6x)

### Pasadena City College

Pasadena, CA

GPA: 4.00 / 4.00 - Honors Transfer Program

June 2020