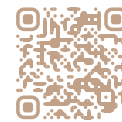# BRANDON JIA

CONTACT INFORMATION

+1 (626) 428-9073

bjia@ucmerced.edu

github.com/brandonj4564

SKILLS

Frontend Dev: React, React Native, Typescript, Tailwind, Expo

Backend Dev: Database design in SQL, PostgreSQL, NodeJS

Data processing and visualization with R language and Python

UX design and wireframing with Figma

Networks and operating systems study in C and C++

EDUCATION

2021, 2023-2025: UC Merced, School of Engineering

Graduated with Bachelor in Computer Science & Engineering

2022-2023: Universidad Complutense de Madrid, Spain Facultad de Informática

LANGUAGES

English (Native)
Spanish (Intermediate)
Mandarin Chinese (Basic)

REFERENCES

Available upon request.

OBJECTIVE

To obtain a software engineering position where I can apply my skills in full-stack development, problem-solving, and system design to build reliable, user-focused applications, while continuing to grow as a developer and contribute to collaborative, innovative teams.

PERSONAL HIGHLIGHTS

- Bachelor in Computer Science & Engineering, UC Merced, 2025, GPA 3.88
- Experience in numerous commercial and academic software projects
- Well-versed in modern frontend technology and UX design
- Hands-on experience in data science
- Fluent in utilizing AI in research, problem solving, troubleshooting, and integration
- Working knowledge of Spanish from one-year long study abroad in Madrid, Spain
- U.S. citizen, eligible to work for all employers
- Willing to relocate inside and outside of California
- Available now

PROJECTS

Independent Content Registry • May 2025 - Present

Credtent Inc., Glendora, CA

- Created wireframes in Figma for Credtent developing a platform to help content creators license their work and media to AI companies for model training.
- Collaborated closely with founders to translate the business vision into an intuitive and scalable product design.
- **Skill Unlocked:** Product design thinking

NVI Therapeutics Website • March 2025 - Present

NVI Therapeutics, Hayward, CA

- Designed and developed the marketing site for NVI Therapeutics using NextJS and the MantineJS UI library
- Implemented a static site architecture to efficiently deliver company information, including mission, research focus, and contact details.
- **Skill Unlocked:** Translating user needs into technical specifications

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PROJECTS

TestForge Study Tool • February 2025 - Present

University of California, Merced

- Developed a university-wide study platform for UC Merced students under faculty supervision, focused on AI-generated quizzes for academic review.
- Integrated dynamic components to allow students to input course materials (e.g., lecture slides) and receive quizzes and feedback powered by a large language model.
- **Skill Unlocked:** AI integration

Student Assistant (Data Web Developer) • October 2024 - December 2024

UC Merced Woo Laboratory, Merced, CA

- Built a data web browser for a research laboratory using Shiny for Python, matplotlib, and scanpy to visualize complex datasets.
- Processed and analyzed R data sets, leveraging the R programming language to prepare data for graphical representation.
- **Skill Unlocked:** Data visualization

TinyOS Network • September 2024 - December 2024

University of California, Merced

- Developed a simulated network using TinyOS and NesC, implementing core networking protocols including network flooding, node neighbor discovery, and link state routing.
- Built a rudimentary TCP connection to handle communication between nodes, demonstrating a strong understanding of transport layer protocols.
- **Skill Unlocked:** Computer networking

Virtual Cowboy • January 2024 - May 2024

University of California, Merced

- Collaborated with a team of five to develop a mobile application using Expo for React Native, demonstrating effective teamwork and project management skills.
- Created an MVP to enable ranch managers to draw virtual fenced areas on their phones and remotely move cattle between these zones.
- **Skills Unlocked:** Prioritizing for MVP and Figma wireframing