

Bryanna Rosales-Hernandez

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SUMMARY

Computer Science student at Oregon State University graduating September 2026 with experience developing full-stack applications, database-driven systems, and collaborative software projects. Skilled in designing, implementing, and debugging software solutions using modern programming languages and development tools. Strong foundation in software engineering principles, algorithms, databases, operating systems, and computer networks with a focus on building reliable and user-focused applications.

EDUCATION

Oregon State University(OSU)
GPA 3.27/4.0

Expected Graduation: September 2026

Bachelor of Science in Computer Science

Relevant coursework: Data Structures, Algorithms, Software Engineering, Introduction to Databases, Operating Systems, Parallel Programming, Computer Networks, Mobile Software Development

California State University, San Bernardino

Graduated: May 2022

Bachelor of Science in Kinesiology - Allied Health Professions Concentration

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, C++, C#, C, x86 Assembly, Kotlin

Frameworks & Libraries: .NET, ASP.NET Core, React, Node.js, Express.js, Entity Framework Core, Handlebars (HBS)

Databases: MySQL, PostgreSQL, MariaDB, MongoDB

Development Tools: GitHub, Visual Studio Code, PyCharm, Visual Studio, phpMyAdmin, DBeaver, Nodemon, Unity, Android Studio

Web Technologies: HTML, CSS

ACADEMIC PROJECTS - OSU

Orchestr: Event & Operations Management System (CS 340 – Introduction to Databases)

- Designed and developed a full-stack event management system using Node.js, Express.js, and MySQL/MariaDB to centralize scheduling and operational workflows for a simulated event planning business
- Implemented a relational database schema with multiple interconnected entities (Venues, Events, Staff, Activities, Assignments) to support real-world one-to-many and many-to-many relationships
- Built full CRUD functionality allowing users to create, view, update, and delete records for events, venues, staff, and assignments through a dynamic web interface
- Developed and integrated an MVC-style architecture using Express Handlebars to dynamically render database-driven content and manage user interactions
- Implemented backend scheduling algorithms to reduce event conflicts and improve resource allocation
- Maintained data integrity through structured database design and validation procedures
- Collaborated with team members using GitHub for version control, task distribution, and iterative development in a structured academic environment

Capstone Project – 3D Escape Room Challenge (Unity, C#)

- Developed an immersive 3D escape room game in Unity as part of a 4-person team, focusing on collaborative software development and version-controlled workflow using GitHub
 - Designed and implemented multiple interconnected puzzle systems across 3–5 themed rooms, with progression-based logic where puzzles build on one another
 - Built functional in-game UI elements including HUD systems, countdown timer, and hint prompts to enhance user interaction and gameplay experience
 - Contributed to gameplay scripting and mechanics using C# and Unity scripting API within an agile, milestone-driven development process
 - Participated in team-based planning, task distribution, debugging, and iterative testing to ensure stable and functional game delivery
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PROFESSIONAL EXPERIENCE

Loma Linda University Medical Center

Aug. 2022 - Present

Patient Care Assistant - Radiology Anesthesia Care Unit (RACU)

- Coordinated with multidisciplinary teams in a high-volume hospital environment while maintaining patient confidentiality
- Managed electronic documentation using Epic EHR with strong attention to accuracy and compliance
- Prioritized multiple concurrent responsibilities while supporting efficient unit operations

Target

April 2024 - June 2026

Style Consultant

- Restock sales floor and organize merchandise within strict time frames to optimize product visibility and drive sales through strategic placement in a fast-paced environment
- Monitor fitting rooms and manage secured product access to ensure loss prevention and customer service efficiency
- Collaborate across departments including Tech and Fulfillment, adapting quickly to shifting priorities and team needs

Asistencia Villa Rehabilitation and Care Center

January 2021 - August 2022

Certified Nurse Assistant

- Documented patient observations, vital signs, and care activities while ensuring accuracy and HIPAA compliance
 - Communicated and worked with 5-7 nurses per shift routinely and during COVID outbreaks
 - Maintained patients' privacy and dignity by upholding all facility regulations and HIPAA regulations
 - Built trustful meaningful relationships with residents, family members and team members
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RESEARCH EXPERIENCE

Research Assistant

California State University, San Bernardino | Dr. Sang Ouk Wee

October 2021 – May 2022

Ethnic Differences in Arterial Stiffness and Hemodynamic Regulation Following High Intensity Exercise: Hispanic vs. Non-Hispanic White

- Administered VO₂ max testing in a controlled research environment
- Collected and validated physiological research data using specialized laboratory equipment
- Maintained standardized testing procedures to ensure accurate experimental results
- Collaborated with faculty researchers during participant recruitment and data collection