

# Isael Lazcano

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## EDUCATION

**California State University, San Bernardino**

*B.S Computer Science | Minor: Data Science*

## HIGHLIGHTS

- Experienced business analyst with expertise as a full-stack developer leveraging AI and real-time systems.
- Expert in SQL, Python, TensorFlow Lite, React, and Next.js.
- Proven ability to lead projects and present to technical and executive audiences.

## PROFESSIONAL EXPERIENCE

Sol MedSpa MSO | *Diamond Bar, CA*

July 2025 - Present

### **Business Analyst**

- Developed structured **3+ monthly profit & loss reports** by customer segments, region, and product type.
- Generated revenue forecasts using sensitivity models, helping evaluate **3+ pricing scenarios** and guiding leadership toward more profitable service offerings.
- Conducted break-even analysis on **4 different simulated investments** improving clarity to determine profitability.
- Analyzed operational data & recommended workflow improvements **leading to a +7% increase in client consultations**.
- Built and maintained organized record-keeping systems for **100+ client files**, schedules, and operational documents, improving retrieval speed and reducing administrative errors.

Centers of Research Excellence in Science and Technology | *San Bernardino*

### **Research Intern**

January 2024 - December 2024

- Showcased drone shadowing improvements at the **2024 Southern California Conference for Undergraduate Research** (SCCUR) to an audience of 50+ stakeholders, presenting advancements in AI-driven tracking and autonomous navigation.
- Collaborated with a cross-functional team of 7+ engineers and researchers to develop AI programs for drone improvements.
- Developed an AI-driven drone tracking system using TensorFlow Lite on a Raspberry Pi 5, **achieving real-time object detection at 10 FPS**.
- Designed and **implemented machine learning algorithms for drone recognition**, enhancing detection accuracy in diverse environments (mountainous, urban, open skies).
- **Ranked in the top 15% internship performance metrics** and re-hired after completion of internship program.

G2 Insurance Auto & R2U Consulting Services | *Fontana, CA*

January 2025 - July 2025

### **Full Stack Developer**

- Designed and built responsive websites, **increasing new leads by 12%** through improved user experience and optimized call-to-action placement.
- **Developed interactive UI elements**, such as carousels, insurance cards, and contact forms, enhancing user engagement and accessibility through Resend API integration.
- Deployed websites on Vercel, **implementing SEO best practices** and performance optimizations to improve site reliability and search visibility.
- R2U Consulting Services: [GitHub](#) | [Live Site](#) | G2 Insurance Auto: [GitHub](#) | [Live Site](#)

CSUSB | *San Bernardino, CA*

September 2023-December 2023

### **Game Developer - Team Lead**

- Led a team of 7 to develop a top-down 2D game and authored an SRS document outlining system design and requirements.
- Learned C# and Unity within 8 weeks to implement key gameplay features and mechanics.
- Managed 3 agile sprints, delivering a functional prototype praised by faculty for meeting design constraints.
- GitHub Repository: [Forest of Enchantment](#)

### **Personal Portfolio Website**

Designed an interactive portfolio showcasing projects and achievements with modern UI animations and effects.

- Implemented Bento Grid, Parallax Scrolling, and a 3D Navbar for an engaging user experience.
- Integrated photo galleries and timelines using Scroll on Photos for immersive storytelling and project highlights.
- View the portfolio live: [Isael Lazcano's Portfolio](#)