

# Sebastian Yepez

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## EDUCATION

**University of Nevada, Las Vegas**

*Bachelor of Science in Computer Science*

*Bachelor of Science in Mathematics, Concentration in Actuarial Sciences*

Graduation Date: May 2026

GPA: 3.81/4.0

**Relevant Coursework:** Data Structures and Algorithms, Software Product Development, Machine Learning, Cloud Computing

**Accolades:** 1<sup>st</sup> Place Winner 2025 CS Senior Design Competition, Dean's Honors List (4x)

## PROFESSIONAL EXPERIENCE

**Risk Analyst Intern – [Credit One Bank](#)**

Jun 2025 – Present

- Built SQL/SAS/Power BI pipelines delivering real-time credit risk insights and reducing manual reporting.
- Optimized credit line increase workflows, supporting regulatory compliance while ensuring data integrity and accuracy.
- Collaborated with cross-functional teams to refine credit decision models and improve documentation, enhancing transparency and audit readiness.

**Software Engineer Intern – [Fetching Foods](#)**

Aug 2024 – Jun 2025

- Automated inventory and fulfillment workflows (Python/Flask, PHP, AWS EC2), eliminating ~20 staff hours per week.
- Integrated Google Maps APIs to deliver real-time shipping cost estimations, improving pricing accuracy and customer transparency.
- Built a Mac-compatible label printing application, cutting packaging print time by 70% and boosting efficiency.

**Data Engineer Intern – [Odditt](#)**

May 2024 – Aug 2024

- Collaborated with the CTO on early-stage CI/CD pipeline and ETL design, gaining hands-on data engineering experience.
- Analyzed proprietary simulation output to evaluate betting probability models for risk strategy, documenting findings that supported risk assessment.
- Contributed to Agile workflows via daily standups and Kanban planning to ensure consistent progress on engineering tasks.

## PROJECTS & LEADERSHIP

**Team Lead - [Rebel Remind](#) | React, Python**

- Led 10-member team to build a Chrome Extension centralizing UNLV student event data.
- *1st Place Winner* – 2025 Senior Design Competition; project scheduled for university publication.

**Vice President - [ACM](#) | Python, JSX**

- Organized and led workshops on competitive programming and technical interview prep for student members.
- Represented UNLV in ICPC 2024, strengthening algorithmic thinking and team collaboration.

**Workshops and Member Development Officer - [AI and Data Science Club](#) | Python, JSX**

- Co-launched organization that organizes workshops, projects, and volunteer/professional experiences to introduce students into the world of AI and Data Science.

## RESEARCH & OUTREACH

**Undergrad Research Mentor – UNLV Office of Undergraduate Research | Python, SQL**

- Leading a small group of undergraduate students to process and analyze a large dataset of UNLV's undergraduate research office to find new and present new insights regarding student interests and dynamics.

**Developer and Researcher – UNLV CS AI Teaching Assistant | LangChain**

- Collaborating on an AI teaching assistant built with LangChain to promote critical thinking in keystone CS classes.

**Research Assistant – Dr. Paul La Plante | Python, Unix, Jupyter Lab**

- Applied Markov Chain Monte Carlo (MCMC) and Symbolic Regression to fit astrophysical halo mass models.
- Presented findings at 2025 UNLV and NAU Undergraduate Research Symposiums.

**National Science Foundation STEM Mentor - MyGPT STEM Outreach Project**

- Engineered ESP32-based chatbot interface replicating ChatGPT to demonstrate AI + IoT to 40+ students.
- Led microcontroller workshops on LEDs, sensors, and wireless networking, boosting student engagement in STEM careers.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript (React/JSX), C++, Java, HTML/CSS, SQL, SAS

**Tools/Platforms:** Git, GitHub, Unix, VS Code, WordPress

**Frameworks/Tech:** Flask, Bootstrap, Jupyter Lab, AWS (EC2, RDS, S3), CI/CD, Power BI