Sebastian Yepez

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EDUCATION

University of Nevada, Las Vegas   Graduation Date: May 2026
Bachelor of Science in Computer Science   GPA: 3.81/4.0
Bachelor of Science in Mathematics, Concentration in Actuarial Sciences

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

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

TECHNICAL SKILLS

Languages: Python, C++, JavaScript (React/JSX), Java, HTML/CSS, SQL, SAS
Tools/Platforms: Git, GitHub, Linux/Unix, VS Code, WordPress, SAS Enterprise Guide, Jira
Frameworks/Tech: Flask, Bootstrap, Jupyter Lab, AWS (EC2, RDS, S3), CI/CD, Power BI

PROFESSIONAL EXPERIENCE

Risk Analyst Intern – Credit One Bank | On-Site; Las Vegas, NV   Jun 2025 – Present
- Building SQL/SAS/Power BI pipelines delivering real-time credit risk insights and reducing manual reporting time
- Optimizing credit line increase workflows by identifying inefficient queries, ensuring data integrity and accuracy.
- Collaborating with cross-functional teams to refine credit decision models and improve documentation, enhancing transparency and audit readiness.

Software Engineer Intern – Fetching Foods | Hybrid; Las Vegas, NV   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 | Remote; Las Vegas, NV   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 – Association for Computing Machinery | 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 with a small group of students on developing 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.