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 – 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, JupyterLab, AWS (EC2, RDS, S3), CI/CD, Power BI

PROFESSIONAL EXPERIENCE

Risk Analyst Intern – Credit One Bank | Las Vegas, NV (On-site) Jun 2025 – Present
- Streamlining credit line increase workflows by identifying inefficient queries and improving data quality.
- Building automated SQL/SAS/Power BI pipelines that deliver monthly credit risk performance reports for 1M+ accounts, reducing manual reporting time.
- Collaborating with cross-functional teams to refine credit decision model controls, enhancing audit readiness.

Software Engineer Intern – Fetching Foods | Las Vegas, NV (Hybrid) 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 estimates, improving pricing accuracy and transparency and eliminating a manual fulfillment step.
- Built a Mac-compatible label printing application, cutting packaging print time by 70% and boosting staff efficiency.

Data Engineer Intern – Odditt | Las Vegas, NV (Remote) 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 Feb 2025 – May 2025
- Led 10-member team to build a Chrome Extension centralizing UNLV student event data into a light, accessible application.
- *1st Place* – 2025 Senior Design Competition; project scheduled for university publication.

Vice President – Association for Computing Machinery | Python, JSX Aug 2024 – Present
- Organizing and leading workshops on competitive programming and technical interview preparation 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 Aug 2024 – Present
- Co-launched an organization that runs workshops, projects, and volunteer/professional events to introduce students to the world of AI and data science.

RESEARCH & OUTREACH

Undergraduate Research Mentor – UNLV Office of Undergraduate Research | Python, SQL Aug 2025 – Present
- Leading a small group of undergraduate students to process and analyze a large dataset from UNLV's Office of Undergraduate Research to find and present new insights regarding student interests and dynamics.

Developer and Researcher – UNLV CS AI Teaching Assistant | LangChain Aug 2025 – Present
- Collaborating with a small group of students to develop an AI teaching assistant built with LangChain to promote critical thinking and effective resource utilization in foundational computer science classes.

Research Assistant – Dr. Paul La Plante | Python, Unix, JupyterLab Aug 2024 – May 2025
- Applied Markov Chain Monte Carlo (MCMC) and Symbolic Regression (PySR) to fit astrophysical halo mass models.
- Presented findings at the 2025 UNLV and NAU Spring Undergraduate Research Symposiums.

National Science Foundation STEM Mentor – MyGPT STEM Outreach Project Jun 2023 – May 2024
- Engineered ESP32-based chatbot interface replicating ChatGPT to demonstrate AI and IoT to 40+ students.
- Led microcontroller workshops on LEDs, sensors, and wireless networking, boosting student engagement in STEM careers.