Luis Perez

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SUMMARY

Bilingual (English and Spanish) detail-oriented and versatile Computer Science graduate with a strong foundation in software engineering, machine learning, and data analysis. Skilled in Python, JavaScript, SQL, and full-stack development, with hands-on experience in industrial operations and workplace safety through roles in the mining and retail sectors.

EDUCATION

Benedictine University (Mesa, Arizona)
Bachelor of Science in **Computer Science**, Minor in Fine Arts
GPA: 3.22/4.0

AWARDS

- Recipient of TheDream.US National Scholarship
- TheDream.US SHPE Conference Grant 2023

COURSEWORK

- Applied Linear Algebra
- Applied Statistics
- Computer Science Capstone
- Data Structures and Algorithms I and II
- Database Management Systems
- Discrete Mathematics
- Introduction to Front End Web Development
- Machine Learning
- Modern Cryptology and Applied Number Theory
- Object Oriented Programming and Design
- Operating Systems
- Software Engineering
- Computer Architecture
- Research Writing & Technical Writing

TECHNICAL SKILLS & PROGRAMMING LANGUAGES

- Programming & Libraries: Python (Pandas, NumPy, scikit-learn, SciPy, Matplotlib, Seaborn), JavaScript, HTML/CSS, Node.js, React.js, SQL, NoSQL, Java.
- Tools & Platforms: Firebase, npm, Visual Studio Code, IntelliJ IDEA, Jupyter Notebook, Google Colab, Bash (Unix Shell), Conda.
- Documentation & Design: LaTeX, Microsoft 365, Lucidchart, Canva.
- Software Engineering & Development: Front-end and back-end development, database management, software testing and debugging, user experience principles.
- Data Analysis & Machine Learning: Data visualization, data cleaning, preprocessing, and scientific computing.
- Project Management: Project design, development lifecycle understanding, and teamwork in fast-paced environments.
- Industrial & Safety Training: Mine safety, LOTOTO trained, PPE usage, shift work experience.
- Operations Experience: Laborer duties, mobile equipment operation, and overhead crane operation.

PROFESSIONAL & INTERPERSONAL SKILLS

- Team Collaboration
- Communication
- Time Management
- Safety Awareness
- Critical Thinking
- Problem Solving
- Work Ethic
- Technical Documentation
- Mentorship & Training
- Resilience
- Dependability
- Customer/User Orientation
- Independent Research

CERTIFICATIONS & TRAINING

OSHA/MSHA Training (Workplace safety and health standards)

NIMs level 1 technician certified

EMPLOYMENT HISTORY

Fry's Food and Drug, Globe, AZ	*All Purpose Clerk*	Oct 2017 - Apr 2019
Swire Coca-Cola, Globe, AZ	*Merchandiser*	May 2019 - Feb 2020
CROSSMARK, Globe, AZ	*Retail Representative*	Nov 2021 - Nov 2023
Safeway, Globe, AZ	*Produce Clerk*	Jun 2023 - Apr 2024
Freeport McMoran, Globe, AZ	*Operations Assistant*	Sep 2024 - Present

PROJECTS & PORTFOLIO

- FitLoggerPro - Web-based Fitness Application.
- Machine Learning Project - Power-lifting Performance Analysis and Prediction Model.
- Sociology Research Project - Data Collection.
- Software Engineering Project - Collaborative Group Project Using Git/GitHub For Version Control.
- Mathematics Research - Independent Research Involving Algorithms (Computational Efficiency).