

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: Proficient in mine safety, SOP compliance, Lockout/Tagout (LOTOTO), PPE, MSHA/OSHA standards, hazard identification, and workplace inspections.
- Operations Experience: Disciplined in shift work, skilled in work orders, equipment checklists, process control, safety audits, and operating overhead cranes, mobile equipment, and hand tools. Experienced in equipment monitoring, preventive maintenance, and reporting.

PROFESSIONAL & INTERPERSONAL SKILLS

- Team Collaboration & Communication
- Time Management & Work Ethic
- Safety Awareness & Critical Thinking
- Problem Solving & Resilience
- Mentorship, Training & Documentation
- Dependability & Customer 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	<i>All Purpose Clerk</i>	Oct 2017 - Apr 2019
Swire Coca-Cola , Globe, AZ	<i>Merchandiser</i>	May 2019 - Feb 2020
CROSSMARK , Globe, AZ	<i>Retail Representative</i>	Nov 2021 - Nov 2023
Safeway , Globe, AZ	<i>Produce Clerk</i>	Jun 2023 - Apr 2024
Freeport McMoran , Globe, AZ	<i>Operations Assistant</i>	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.