

# MORONI ZACARIAS

Software Engineering Student

moronizacmel@hotmail.com | 385 418 6479 | Salt Lake City, Utah

## EDUCATION

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### Ensign College

Software Engineering Bachelors Degree

GPA: 4.0

Salt Lake City, Utah

Sept 2022 - May 2026

### Universidad Nacional Hermilio Valdizan

Civil Engineering Bachelors Degree

Huanuco, Peru

Jan 2018 - Jan 2020

## EXPERIENCE

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**Goldman Sachs | Engineering Summer Analyst Intern** 111 South Main Street, Salt Lake City, Utah | 06/09/2025 - 08/15/2025

- Engineered the migration of a critical internal database from a Hadoop-based on-premise system to Snowflake, adhering to best practices for data quality and integrity after complex ETL workloads.
- Developed and automated a daily reconciliation process using Spark and Python to critically verify data integrity and accuracy between legacy and cloud environments.
- Documented a comprehensive migration strategy and detailed process documentation, fostering seamless knowledge transfer and operational clarity.

**Daywaneti | Full Stack Developer** 201 E. Ohio Street, Chicago, Illinois | 04/29/2024 - 07/27/2024

- Led development of a web app using Django, React, Firebase, Celery, RabbitMQ, Swagger, Docker and Stripe. Planned, designed, developed, and deployed the application using AWS (Local, Dev and Prod)
- Created an intuitive UI, enhancing user experience by collaborating with a designer.

**Ensign College | Canvas Support** 95 N 300 W, Salt Lake City, Utah | 11/18/2022 - Present

- Transitioned from LMS Support, recognizing the potential of Canvas APIs to enhance efficiency
- Spearheaded the development of the "Ensign Canvas App," utilizing Canvas APIs to automate tasks, reducing operational time by up to 80%, and also drove the creation of "Shepherd's Guide," a web app leveraging Canvas data to proactively identify at-risk students.

## SKILLS

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Programming Languages: Python, Javascript, Java, Dart

Libraries/Frameworks: Django, React, Flask, Flutter

Tools / Platforms: Firebase, MongoDB, AWS, Docker, Snowflake, Jupyter, MySQL, Hadoop

## PROJECTS / OPEN-SOURCE

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### Shepherd's Guide and Ensign Canvas App

*Django, React*

- Ensign College web apps designed to identify the at-risk students at Ensign College using Canvas APIs and also automate processes, optimizes workflows, to ensure a seamless experience for the Canvas Team

### ZacMel.dev | [Link](#)

*HTML, CSS, Javascript, Firebase*

- Self-taught HTML, CSS, & JS to design a personal website to showcase projects and achievements

### VirtualCash | [Link](#)

- Designed an app using Flutter that enables event-based virtual transactions using QR codes and Gmail accounts as hosts. (Available on Google Play Store)

## CERTIFICATIONS

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- CS50 Introduction to Artificial Intelligence with Python - **Harvard University**
- CS50 Introduction to Computer Science - **Harvard University**
- Career Essentials in Software Development - Microsoft and LinkedIn.