

## SKILLS

**Programming Languages** Python, HTML/CSS, C, C#, Java, SQL, Linux, Latex  
**Tools** GitLab, Amazon Web Services, MS Project, Tableau, PowerBI, Cisco Packet Tracer

## ACADEMIC PROJECTS

### Customer Service Tweet Analysis

Language: Python

- Designed a program that trains machine learning models to classify reviews and determine if they are relevant to a safety hazard.
- Retrieves tweets and uses natural language processing to determine keywords from a calculated relevancy score.
- Trains a Decision Tree, K Nearest Neighbor, and Neural Network, then selects the best performing model.

Packages Used: JSON, nltk, requests, scikit-learn, warnings

### Movie Analytics Tool

Language: Python

- Allows the user to search for a movie of their choosing and obtain further information about it using online data and text analysis.
- Retrieves data from OMDb API, using XML to carry data.
- Uses natural language processing to perform sentiment analysis on the given movie.

Packages Used: JSON, nltk, requests, xmltodict

### 2D Platformer Game: Peter the Beaver, A Very Bad Day

Language: C#

- Created a unique story and built gameplay scenarios in various styles.
- Collaborated through the development process using the version control system GitLab.
- Authored and reviewed design documentation.

Game Engine: Unity

### E-Commerce Website

Language: HTML, CSS

- Created and launched a clothing website through Amazon Web Services.
- Executed a responsive design that is easy for users to navigate.
- Utilized WordPress and implemented WooCommerce as the E-Commerce plugin.

AWS Services: EC2, Route 53, S3

## EDUCATION

San Diego State University | San Diego, CA

**Bachelor of Science in Information Systems**  
**Minor in Computer Science**

May 2022

## RELEVANT COURSEWORK

Object-Oriented Programming for Business Applications	Data Structures	Project Management
Intermediate Computer Programming	Database Management Systems	Business Intelligence & Analytics
E-Business/Web Development	Networks and Data Communications	Game Programming

## WORK EXPERIENCE

Calamigos Ranch Beach Club | Malibu, CA

**Server and Bartender**

Summer 2019

Paradise Cove Beach Cafe | Malibu, CA

**Beach Services, Food Runner, and Busser**

Summer 2016, 2017, 2018