Michelle Cheng

Phone	Email	Location	LinkedIn	Portfolio
(619) 212-3107	chengmic@oregonstate.edu	El Cajon, CA	linkedin.com/in/chengmic	chengmic.vercel.app

OBJECTIVE

Recent computer science graduate seeking an entry-level role in a related field with opportunities to grow and develop skillset.

EDUCATION

B.S. Computer Science

Oregon State University — Corvallis, OR

January 2022 – December 2023

SKILLS

Languages: Python, C#, SQL, Javascript, HTML, CSS

Frameworks and Technologies: Unity, MySQL, Flask, React, Next.js, Python unittest, Git, Figma

PROJECTS

ML Breakout — [GitHub Repo](#)

Description: A video game replicating Atari's Breakout with an added Machine Learning element in which the player can play against a trained AI. Built using Unity.
- **Unity and Unity ML Agents:** Applied Unity, Unity ML Agents, and C# to create a functional gaming experience.
- **Collaboration and Teamwork:** Engaged in *sprints* and *agile* team meetings, working closely with the team using Trello for *task management* to ensure the game met project requirements and functional specifications.
- **Quality Assurance and Version Control:** Actively engaged in *bug tracking and reporting*, using Git.

Dark Brew Café Database Website — [GitHub Repo](#)

Description: A web application for the database management of a hypothetical coffee company.
- **Database Design**: Designed and implemented *database schema* for Dark Brew Café.
- **Web Development:** Utilized Flask to design and implement web application, providing interface for *CRUD operations* on the backend.
- **SQL**: Implemented *SQL queries* and procedures to manage and retrieve data effectively.

PokePy — **[GitHub Repo](#)**

Description: A Python desktop Pokedex application. The project aims to showcase proficiency in creating basic UI, utilizing external APIs, and microservice integration.

- **API Integration**: Utilized *external API* dynamically fetch and display Pokemon data.
- **Microservice Integration**: Collaborated with teammate to implement *microservice architecture*.
- **Error Handling**: Utilized *error handling* techniques to ensure smooth application operations even in the absence of the microservice.
- **Agile Methodology**: Developed *user stories* and managed project workflow using *agile principles* and *sprints* to maintain project organization and ensure timely completion.