

RICHARD MARQUEZ CORTES

SOFTWARE ENGINEER



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Links

LinkedIn	https://www.linkedin.com/in/richard-marquez-cortes-193b3b223
GitHub	https://github.com/rmarqu20
Portfolio	https://rmarqu20.github.io

About Me

Committed to working as a collaborative and positive team member, striving to utilize my knowledge and expertise for optimal engineering results. Proven efficiency with an ability to quickly learn and navigate any computer software program. Bilingual, hardworking, and ready to join my next team.

Education

Aug 2014 - May 2018	Millennium High School
Aug 2018 - May 2022	Computer Science (BS), Arizona State University
	GPA: 3.72
	Honors: Magna Cum Laude

Projects

My Movie List IOS Application

- Allows the user to search and add movies to a watched list and plan to watch list.
- Firebase was used to store user data and provide user authentication.
- Uses Google Maps API and TMDB API for movie search functionality.

Personal Health Monitoring IOS Application

- Allows patients to track their health situation at home. The user can input a week's worth of data including blood pressure, weight (lb), sugar level, and any other symptoms they might be encountering.

Restaurant Management Web Application

- Customers can order from a variety of food, whereas management can log in to manage their staff, dishes, supplies, and orders.
- Designed with Python and Flask utilizing a PostgreSQL database.



The Tain Game

- A 2D episodic video game through the narrative of the Irish epic, The Tain.
- Capstone project for supplementation to the Human Event course at Arizona State University.
- Designed in Game Maker Studio 2 using GameMaker language (GML).

Student Attendance Application

- Application for professors to record and visualize classroom attendance digitally.
- Uses Java Swing to display attendance information in a GUI scatter plot graph.
- Created using agile software development (SCRUM).

Languages

English 
Spanish 

Skills

- Java
- C++
- C#
- Swift 5
- HTML
- CSS
- Python
- Git
- GML