ISABELLE LIZARRAGA

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Skills

- Java
- Python
- HTML & CSS
- Experience in NumPy & SciPy
- AWS Certified Cloud Practitioner (in progress)

Education

University of Arizona (2022-Present)

- Bachelor's in computer science
- Minor in business administration

Coursework:

- CSC 210: Software Development
- ACCT 250: Survey of Accounting
- CSC 335: Object-Oriented Programming & Design
- CSC 337: Web Programming
- CSC 380: Principles of Data Science

Projects

- **GitHub:** https://github.com/ilizarraga612/Projects.git
- **Portfolio:** **http://ilizarraga.me:3000/**
- **Writer Bot:** Uses Markov chain algorithm to generate random text of same style as original input text.
- **Battleship:** Stimulates a battleship game where P1 places ships onto 2-d list grid and P2 guesses. Program returns specified hit and miss messages.
- **1D Chess:** Simplified version of chess with knight and king focused movements. Gameplay is displayed using GUI graphics.
- **AzHoldEm:** Creates a poker game setup including card dealing, hand ranking, and splits winnings accordingly. Program creates visual display of player hands and game.
- **Garden:** Builds and modifies a user-specified "Garden" simulation through inheritance.

Extracurriculars

- UA WICS (Women in Computer Science)
- Cyber Saguaros
- Hack the Flag
- UArizona Women's Hackathon