

Joseph Sanchez

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EDUCATION

Western Governors University

B.S. Computer Science

May, 2025

Salt Lake City, UT

- GPA: 3.5

Chandler Gilbert Community College

A.S. Computer Science

Dec, 2024

Chandler, AZ

- GPA: 3.2

- Phi Theta Kappa Honors

Employment

Game Developer

Freelance

Jun. 2022 – Sep 2024

Gilbert, AZ

- Planned-Developed Full IOS/Android **Optimized** games (**Java, C#**).
- Used **OO** design, Quad Tree, and FIFO data structures to reduce $O(n^2)$ operation complexity to linear $O(n)$.
- Implemented Cloud service for saving user data in an SQL database.

Technology Support

Chandler Gilbert Community College

Sep. 2024 – Jan. 2025

Chandler, AZ

- Troubleshooting student issues with college software, learning in depth functions of problematic software.
- Explained issue causes to students to prevent future issue tickets.
- Regularly Communicated with team to resolve complex software issues.

Back Of House Employee

Chick-Fil-A

Mar. 2025 -Present

Mesa, AZ

- Directly responsible for preparing food quickly to alleviate customer lines.
- Communicated with team often to indicate order status and need.

Projects

Full Stack Food Ordering Site - [GitHub](#)

- Created **Java Spring, Restful** backend Using **Maven**
- Connected Site to **SQL** database for dynamic product changes
- Used Maven to create and deploy site through Docker
- Planned and organized site development using SDLC

Weather Health Risk Application - [GitHub](#)

- Created scalable **Machine Learning** application using **Sklearn, Python**
- Automated data scrubbing and hyperparameter tuning resulting in increased prediction accuracy of 7%
- Implemented Stack model using Random Forest, and Gradient Boosting to achieve overall prediction accuracy of >80%

Technical Skills

- Languages: Java, Python, SQL, Bash/PowerShell, C++, C#, HTML/CSS
- Frameworks/Libraries: Spring, Hibernate, Sklearn
- Tools: Git, Docker, Gradle, Maven, Bootstrap, Angular