

Joseph Sanchez

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[Portfolio Website](#)

EDUCATION

Western Governors University
B.S. Computer Science

May, 2025
Salt Lake City, UT

Chandler Gilbert Community College
A.S. Computer Science

Dec, 2024
Chandler, AZ

- **GPA: 3.5**
- **Phi Theta Kappa Honors**

Employment

Software Developer
Mintricity LLC

Aug. 2025 – Present
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.
- Developed company site and Spring web applications.

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 issues to students to prevent future issue tickets.
- Regularly Communicated with the team to resolve complex software issues.

Back Of House Employee
Chick-Fil-A

Mar. 2025 – Present
Mesa, AZ

- Worked in busiest Chick-Fil-A in Arizona
- Directly responsible for preparing food quickly to alleviate customer lines.
- Communicated with the team to optimize the kitchen when busy.

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