Christopher Arias

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SUMMARY

Dedicated student passionate about software engineering, specializing in React JS, Java, and Python. Committed to continuous learning and staying abreast of industry trends. Enjoys creating innovative software that enhances lives.

EDUCATION

California State University Channel Islands **Expected May 2026**
B.S Computer Science -- Minor in Math -- 3.6 GPA

WORK EXPERIENCE

CSU Channel Islands *Latinx Cultural Center Student Assistant* **October 2023-Present**

- Committed to fostering inclusivity, diversity, and equity through active engagement in cultural center programming and development.
- Overseen programming that attracted a large, diverse audience, with events consistently drawing over 90% capacity, demonstrating strong community engagement and impact.
- Organized, detail-oriented, and effective communicator, leveraging Microsoft Teams for seamless communication. Proficient in creating compelling advertising posters to promote programming and events throughout the cultural center.

SKILLS

Languages - Java, Python, Bash
Web Technologies - React, Node JS, JavaScript, HTML, CSS, Bootstrap
Frameworks - Spring Boot, SQL, Flask, SQLAlchemy
Tools & Technologies: Git, NASA WorldWind, RESTful Api

PROJECTS

Contact Manager Application

- Developed a full-stack web application using React for the front end and Spring Boot with SQL for the backend, implementing a RESTful API for communication between the two.
- Implemented features for creating, updating, and deleting contacts, with data stored in a SQL database and displayed using HTML/CSS for the UI.

Real-Time Earthquake Tracking with NASA WorldWind

- Developed a Java-based application using NASA WorldWind API and GeoJSONLoader to visualize network graphs and real-time earthquake data from the USGS Earthquake API on a 3D globe.
- Implemented functionality to parse and render complex geospatial data from JSON files and live data feeds, with customizable update intervals and dynamic layer creation. Utilized Gradle to build automation and manage projects.

Certifications:

- Google IT Automation with Python