

Ignacio Jimenez Rocabado

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Seeking a challenging and immersive Software Engineer Summer Internship

Education

- **San Diego State University** - San Diego, California
 - Bachelor of Science in Computer Science
 - Expected Graduation: May 2025
 - Class Level: Junior
 - Cumulative Gpa: 3.5
 - CS Coursework: Object-oriented programming, Data Structures, Computer Organization, Introduction to Software Systems, Algorithms, Introduction to Speech Processing
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Projects

Music Player

(April 2023)

- Implemented a queue in Java, via two linked list stacks for optimized track navigation.
- Designed a feature to display playlists, offering users transparency into upcoming and previously played tracks for enhanced listening experience.
- Enabled key music player functionalities including add track, remove track, now playing and other popular features for user interaction.

Student Record Management System

(Feb 20233 - Mar 2023)

- Utilized linked lists in C++ to dynamically manage student records, allowing for flexible addition, deletion, and modification of student data.
 - Included functions like insert, update, delete, and display student records, showcasing the practical application of linked lists.
 - Used binary search and selection sort algorithms to manipulate student data.
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Volunteering

Orphanage Volunteer

(Aug 2017 - May 2019)

- Volunteered at "Aldea SOS" orphanage in Cochabamba, Bolivia, providing academic support and engaging in recreational activities with the children.
- Volunteered bi-weekly over four semesters during my sophomore and junior years in high school.

Court Cleaner

(Aug 2020 - Sep 2020)

- Co-initiated a month-long community service project focused on cleaning basketball street courts and bleachers, located in Cochabamba, Bolivia.
 - Collaborated with teammates, coaches, and tournament organizers to secure permission for post-game cleanups, contributing personal cleaning supplies and dedicating several hours each weekend improving the environment for players and spectators by reducing trash and maintaining cleanliness throughout tournament weekends.
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Technical Skills

Programming Languages: Java, C++, Python, MIPS

Languages: Spanish (Native), English (Fluent), French (conversational)