

# Manuel Perez

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## EDUCATION

**San Diego State University (SDSU)**

Graduation Date: Dec. 2020

B.S. Degree in Computer Science

### RELATED COURSES

Software Engineering, Operating Systems, Data Structures & Algorithms, 3D Game Dev, Computer Vision

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## SKILLS

**Libraries/Frameworks:** Node.js, Bootstrap, Java Collections

**Databases:** MySQL

**Tools:** Git, npm

**Concepts:** OOP, Agile, Waterfall

**Languages:** Javascript, HTML/CSS, Java, C, C#, Python

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## SOFTWARE DEVELOPMENT EXPERIENCE

**Online Library System: SDSU**

JSP | HTML | Java | JDBC | Bootstrap

- Implemented the ability for staff members to modify the library inventory, create event announcements, assess fines, and view reports.
- Created a checkout system where users are able to reserve available library materials.
- Integrated the library system with a MySQL database which allowed users to search for their desired books, and allowed staff to add materials/announcements.

**Photo Portfolio: Personal Project**

HTML | CSS | JS

- Developed a fully responsive website for all my photography and videos.
- Embedded horizontal and vertical youtube videos in the right proportions in my projects.
- Created an intuitive user experience for different devices.

**Command Line Interpreter: SDSU**

C

- Replicated the interpreter for the UNIX system to act like a shell.
  - Added commands, executables, and file paths such as environ, cd, echo, ls, sleep, and others.
  - Utilized forking when a command is an executable to allow for the execution of the command to be inside the child of a fork.
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## WORK EXPERIENCE

**Inbound Expert at Mission Valley Target**

June 2021 - May 2022

- Organized and assisted with setting up the receiving area for the inbound trucks.
- During the unloading process, I distributed merchandise to their designated areas with the use of pallet jacks, flatbeds, and u-boats.
- Backstocked excess merchandise in the basements.
- Maintained efficiency within the team through communication and taking initiative.
- Provided training to multiple team members on how to perform various tasks.
- Communicated in an effective manner with other team members throughout the store via a walkie.

**Prep Cook & Kitchen Staff at San Diego Pier Cafe**

June 2017 - Aug. 2017

- Prepared food of menu items in an efficient, clean, and organized work station.
  - Cleaned dishes to ensure availability of kitchenware for both staff and customers.
  - Communicated in English and **Spanish** amongst staff members to ensure an efficient work flow in the kitchen.
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## SCHOLASTIC AWARDS AND HONORS

**San Diego State University**

- Dean's list for Fall 2017 and Spring 2020 semesters.
- EOP Grant recipient.