

# Joseph Perez

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## EDUCATION:

**California Polytechnic State University, San Luis Obispo**

**BS Computer Science**

Dean's List: Fall 2021, Winter 2022, Spring 2022

September 2020 - June 2024

GPA: 3.4

**Relevant Coursework:** Systems Programming, Computer Architecture, Data Structures, Design and Analysis of Algorithms, Programing Languages, Object Oriented Programming and Design

**Skills:** C, C++, Java, Python, JavaScript, HTML, CSS, REST API, JSON, MongoDB, React.js, Node.js

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## Projects:

### Break Bread

- Collaborated with 3 teammates to develop application to allow roommates to split shopping expenses
- Created user login and signup page and for user information in **MongoDB** database to be consistent across the userpage
- Using **Javascript** and **React** , implemented interactive pages with changes immediately shown in database

### BattleShip Simulator

- Programmed the battleship game complete in **Java** with terminal graphics and visuals to indicate if a ship has been destroyed or if a ship was missed
  - Designed object oriented design of main board and ships while implementing player vs player experience
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## Work and Club Experience:

### Academics Officer - Society of Hispanic Professional Engineers

April 2022 - Present

- Organized weekly study rooms for average of 10+ members to study and collaborate on various assignments
- Organized 5 bi-weekly club meetings alongside 17 person leadership team to cultivate welcoming environment and retain members
- Worked in team to brainstorm ideas for social, academic and professional events to recruit new members

### Super Mileage - Member

September 2022 - Present

- Reverse engineering VESC software written in **C** to be able to incorporate custom features specific to our vehicle design
- Analyze VESC code to better understand its functions and utilizes without an included manual

### Harvest Hacks - 3rd Place

October 2019

- Worked as a team with partners in order to get website done in under 4 hours for a Hackathon
- Used **CSS** with **HTML** to create dropdown menu and other graphical effects to make design of website to be better
- Competed with at least 10 other teams in Competitive track of the event