

Jorge Soto Peña

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Experience

Microsoft, PC Xbox Application Software Engineer Jul. 2021 - Nov. 2023

- Addressed accessibility, design, behavior functionality, and localization bugs across the app.
- Enhanced the Xbox GamePass subscription experience by engineering a volume slider XAML component for the in-house video player, enhancing users experience in previewing game trailers.
- Improved app boot times by 30% across all users by integrating optimal data collection points on users' hardware.
- Created an Azure Data Explorer dashboard to visualize hardware tier distribution, enabling my team to focus on high-impact performance enhancements.
- Implemented performance and reliability metrics using AWS Cloud (Mission Cloud Service) Mission Control tooling, enabling comprehensive monitoring of feature ownership.
- Enriched user experience and customization by working on server-side development to integrate cross-team APIs, introducing three new game-related settings for users.

Microsoft, Xbox Game Bar Software Engineer Intern June - Aug. 2020

- Analyzed user feedback to uncover gaps in gamers user experience, identifying a need for timer related widgets in use cases such as speed-running games.
- Created a dev design document for a time-tracking widget, led cross-functional discussions with design and engineering teams to define the minimum viable product (MVP).
- Developed and demoed a Timer widget for Xbox Game Bar, leveraging the Game Bar software development kit (SDK), enhancing gamers experience and engagement.

Projects

Personal Website

- Built a strictly front-end static portfolio website hosted via GitHub Pages.
- Technologies used: HTML, CSS and GitHub Pages.
- Website link: <http://jorgesotopena.github.io>

Education

University of California, Berkeley

Bachelors of Arts - Ethnic Studies

Graduated: December 2024

Notable Coursework

- CS61C: Machine Structures
- CS198: Web Design

Languages and Frameworks

- Python
- React Native
- C++
- React
- JavaScript
- NPM

Hobbies / Interests

- Theatre
- Video games
- Music festivals
- Fitness

