Saul Lara

Education

University of Texas at Arlington, Arlington, TX

B.S. in Computer Science

Honors and Awards: UTA Academic Scholarship, Freshmen Honor Role (Fall 2022, Spring 2023) Relevant Coursework: Intermediate Programming, Object-Oriented Programming, Discrete Math

Experience

Web Development Freelance | TheBarbersLounge.com

1718 S Cooper St, Arlington, TX 76013 |

- Team Collaboration: Collaborated effectively within a team to understand project goals and ensure a cohesive website development process.
- HTML, CSS, and JavaScript Skills: Applied strong coding skills in HTML, CSS, and JavaScript to create a responsive and visually appealing website.
- Version Control with Git: Managed the codebase efficiently using Git for version control, facilitating seamless collaboration and conflict resolution within the team.
- User Experience Enhancement: Implemented design principles and responsive techniques to enhance the website's user interface, ensuring optimal user experience across various devices.

Development Experience

Health Sync. Personal Health Assistant App (HackUTA 2023)

Flutter, Dart, Firebase, GitHub

- Developed cross-platform Flutter apps for iOS, Android, and Web using Dart and BLoC pattern.
- Managed development in Visual Studio Code and Android Studio with Git for version control.
- Integrated Firebase for secure user authentication and real-time data synchronization.
- Implemented cation reminders, appointment scheduling and pill refill notification.
- Presented the project at HackUTA 2023, demonstrating the usefulness of the implementation of a system that allows the user to schedule, refill and remind for medications.

Capital One Budgeting App Challenge (HackUTD IX)

Dart, Flutter, Flutter Flow, Google Firebase

- Developed cross-platform Flutter apps for iOS, Android, and Web using Dart and BLoC pattern.
- Managed development in Visual Studio Code and Android Studio with Git for version control.
- Integrated Firebase for secure user authentication and real-time data synchronization.
- Designed custom UI features and conducted user testing for iterative improvements.
- Presented the project at HackUTD IX, showcasing its impact on personal finance management.

Pennywise - Comprehensive Finance Tracking (HackUTD X)

SwiftUI, CloudKit, CoreData

- Developed Pennywise, a finance management app for Apple Watch, using SwiftUI and Core Data for a seamless and elegant user experience.
- Achieved reliable data synchronization between iPhone, Apple Watch, and Mac through CloudKit, ensuring up-to-date financial information on all devices.
- Future plans for Pennywise include implementing AI-driven insights, custom spending alerts, and real-time transaction updates through partnerships with financial institutions, enhancing its features and accessibility.

Leadership and Involvement

Our Lady of Guadalupe Catholic Church (OLG)

- Served as both an altar server and a minister in the church, demonstrating unwavering commitment to supporting the church community and advancing its spiritual mission.
- Transitioned from an altar server to a minister, highlighting personal spiritual growth and a genuine desire to deepen understanding of faith.
- Assisted the priest in the administration of Holy Communion, ensuring a seamless and reverent experience for congregants.

<u>Skills</u>

Languages: JavaScript, C, Java, Python, HTML, CSS, Flutter Frameworks: Git, Firebase, Cypress, Selenium, Bootstrap, WordPress

Oct 2023 - Current

May 2026

May 2018 – Current