

Sebastian Lopez-Mobilia

Product and Systems Designer

Designer with experience bridging UX design, programming, and systems thinking. Passionate about creating intuitive interfaces and exploring how hardware, software, and human interaction connect. Skilled in visual design, coding, and rapid prototyping. Eager to contribute to innovative engineering teams pushing the boundaries of technology.

Work Experience

Austin Center For Design (AC4D)

September 2025 - Present

Intern

- Collaborated with directors to identify user-experience inefficiencies and redesign digital workflows using design systems and logic mapping.
- Built high-fidelity prototypes simulating form validation and real-time user feedback using JavaScript and Figma.
- Applied data-driven iteration and user testing to optimize performance and reduce user friction.

Education

University of Texas at San Antonio

Jan 2025 - May 2026

BA Digital Communications

- Focused on user experience (UX) design, digital storytelling, and media production
- Completed coursework and projects in UX/UI design, interaction design, and social media marketing
- Extensive use of AI for branding and Marketing

Arizona State University

Aug 2018 - May 2021

BS Mechanical Engineering (Incomplete)

- Coursework in Calculus, Physics, and Programming with C++ and Java. Developed strong analytical foundations for software and control systems.

Skills & Tools

Languages:

Java • C++ • JavaScript • Python

Frameworks & Tools:

ReactJS • Node.js • Git • Android Studio (basic) • HTML/CSS

Design:

Figma • Adobe Creative Suite • UX Research • Prototyping • Wireframing

Core Skills:

Systems Thinking • Human-Machine Interaction • Interface Logic • Communication • Rapid Learning