ALEXANDER VALDEZ

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EDUCATION

University of Texas at Austin – GPA: **4.00** — Austin, TX
Master of Science in Computer Science — May 2027

University of Texas at Austin – GPA: **4.00** — Austin, TX
Bachelor of Science and Arts in Biochemistry — May 2024
Minor in Business, Elements of Computing (Computer Science) Certificate

TECHNICAL SKILLS

- **Programming:** Proficient in Python, Javascript, and R; Familiar with Java, Swift, and Kotlin
- **Platforms/Tools:** React, NodeJS, SQL, Git

PROJECTS

DexCentral - Kotlin, Android Studio, Firebase, Figma — March 2025 - Present
- Designed user interface mockups in Figma and translated them into responsive XML layouts for Android
- Integrated two external APIs to fetch Pokémon and trading card data, enabling users to track and manage their collections in real-time
- Followed MVVM architecture to separate UI logic from business logic, improving code maintainability

HACS Website - Javascript, React, NodeJS, Firebase — August 2023 - June 2024
- Enhanced image gallery components to enable officers to upload, delete, and manage images dynamically via a secure admin interface
- Developed the Familias page to replace outdated content and implemented a real-time scoreboard that ranks teams based on points stored in Firebase
- Designed and built the Sponsor page to highlight organizational events, sponsors, and detailed sponsorship packages, improving visibility and engagement

ShelveIt - Swift, Storyboards, XCode, Firebase, Figma — October 2023 - December 2023
- Designed the app's UI in Figma and translated mockups into interactive Storyboard scenes for a seamless iOS experience
- Integrated three third-party APIs to fetch data on movies, TV shows, video games, and books, enabling users to rate content and organize personalized lists
- Leveraged Firebase Firestore to build a scalable backend for storing user data, including media lists, friend connections, and uploaded images

LEADERSHIP & INVOLVEMENT

Hispanic Association of Computer Scientists (HACS) — Austin, TX
Website Development Officer — September 2022 – June 2024
- Collaborated with fellow officers to review, test, and enhance site functionality and design based on usability and performance feedback
- Authored internal documentation and beginner-friendly guides covering core web development concepts such as HTML, CSS, and functional React to assist future contributors
- Participated in weekly general meetings to connect with industry professionals, support fellow members, and help foster an inclusive community of aspiring software developers