
Jose Sinohui

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Education

Universidad de Sonora

Software Engineering Bachelor's degree

Awards: Excellence at the 2019 EGEL Exam

Hermosillo, Mexico

August 2019

Experience

Hinge Health

Software Engineer

Tucson, AZ (remote)

September 2022 – Present

- Engineered a resilient event synchronization system (averaging 300 requests per minute) for computer vision-based exercise tracking, featuring a retry mechanism, and optimistic UI updates, resulting in seamless user experience even in poor network conditions
- Led the effort to design and implement a synchronization mechanism to keep the app up to date when there are changes to a member's treatment plan, enabling support for multiple body part treatments and ensuring the app is never operating on stale data
- Planned the consolidation of members across multiple programs in our system into a single “multi indication” program, reusing the previously mentioned synchronization mechanism, cutting down development time (4 weeks) for the migration user experience

DreamBox Learning (now part of Discovery Education)

Software Engineer

Hermosillo, Sonora (remote)

January 2020 – August 2022

- Built reusable components and data pipelines to surface metrics about both teachers and students on DreamBox's interactive "Insights" dashboard for 400k+ educators, from metrics like usage analytics to performance predictions
- Implemented a context-aware reporting system for the web application that reduced code duplication by enabling dashboard reuse across different user roles (district admin, school admin, teacher)
- Conducted a technical evaluation of a third party tool integration (Sisense), into our dashboard collaborating with third-party engineers to assess feasibility and identifying critical limitations that informed the company's final decision to develop in-house solutions

Grupo Corasa

Software Engineer

Hermosillo, Sonora

August 2017 – August 2019

- Gathered requirements and developed a desktop app with JavaFX that delivered a payroll solution for 100+ businesses that need to report tax documents to the Tax Administration Service (SAT) in Mexico. Including features such as automated tax bracket updates, payroll generation depending on user supplied config such as periodicity and salaries, tax calculations and dynamic report generation
- Handled the interface with multiple PAC (Proveedor autorizado de certificación) who received our generated documents for validation and official stamping (“Timbrado”)

Skills & Interests

Technical: Java, Spring Framework, Dropwizard, Angular, RxJS, TypeScript, NestJS, React Native, SQL

Languages: Spanish (Native), English (C2)

Interests: Dogs, Technology, Science, Digital media, Board games