Alexis J. Renderos

Software Engineer / Product Designer

Secret Security Clearance (Inactive, eligible for reinstatement + TS/SCI)

San Francisco, CA

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Experience

Product Engineer @ Mercury Evenings
February 2022 – Present
- Built and shipped a robust lead capture website using TypeScript and React to detail social media marketing services, specifically targeting leading music labels, top independent musicians, and rising consumer startups, securing $32.5K in Q2 revenue and +2,500 leads.
- Developed automated tooling and user onboarding flows to support custom playlist curation, **reducing time overhead by ~83%.**
- Curated music for feature on independent social media accounts with meteoric organic follower growth of ~**30% MoM** at peak.
- Created a low-friction marketing funnel to convert organic TikTok user engagement into Spotify playlist followers, resulting in an **87% CTR** from first impression and a **34% conversion rate.**

Software Engineer @ Bolt Financial, Inc.
September 2021 – January 2022
- Deployed new onboarding flows for Bolt's merchant dashboard, enabling Bolt to close 10's of previously stalled mid-market opportunities.
- Designed custom UI components using TypeScript and React, maximizing code reuse and maintainability at scale.
- Implemented a new user access management feature, ensuring merchant staff have access to the proper tools and records.

Software Engineering Intern @ Full Measure Education
June 2021 – September 2021
- Deployed a comprehensive front-end redesign of both Android and Web clients, using TypeScript, Vue.js, Java, and Kotlin focusing on design cohesion between the recently acquired Adora product and Full Measure offerings correlating with a 45% NPS increase.
- Developed accessibility features to fulfill previously unmet WCAG 2 level AA requirements with a focus on consistent navigation, minimum contrast, and provision of error suggestions, **enabling Full Measure to complete $200K+ in previously stalled sales** of the Adora product.
- Scoped out initial requirements, features, and product roadmap for a new student engagement feature.

Software Engineering Intern @ Dreambound
January 2021 – May 2021
- Built and shipped a new consumer credit reporting feature using React, TypeScript, and GraphQL, enabling operations to efficiently review custom insights on customer credit histories, **decreasing total time spent on key workflows by +75%.**
- Designed a comprehensive bulk data import feature for Dreambound's data team, **reducing time spent importing data by ~95%**, enabling sales and operations to secure and onboard ~25 new accounts only 30 days post-delivery.
- Established and maintained 150+ unit, integration, and regression tests using Jest, reducing bugs shipped by 60%.

Software Engineering Intern @ Slack Technologies, Inc.
May 2020 – August 2020
- Scoped out and shipped Slack's new Android video call feature for use by 10M+ Daily Active Users in 150+ countries using Java and Kotlin.
- Refactored existing Android voice call code to utilize new AWS Chime API endpoints, **decreasing call latency by 25%.**
- Established an end-to-end automated testing suite for Slack calls with 15 tests using TypeScript and Headspin.

Software Engineering Intern @ Collins Aerospace
May 2019 – May 2020
- Developed mission-critical software using C++ for the ARC-210 family of aircraft radios used by 40+ countries with $2.5B in contracts.
- Designed and shipped a test suite using Python to simulate extreme field conditions for use in automated daily operation tests.

Broadcast Manager / Chief Engineer @ 88.5 KURE Ames Alternative
September 2018 – September 2021
- Lead a class A non-commercial FM radio station with ~5,000 daily listeners in engineering, legal, marketing, and community outreach efforts.
- Invested in the psychological safety, personal growth, and wellbeing of a team of 25 direct reports in addition to 50 DJs and show hosts.
- Proposed and implemented a new internship program with a focus on participants' personal and career growth, **increasing talent acquisition rate by 135%** and **reducing member churn rate by 70%,** directly leading to a **450% increase in average daily listenership.**

Personal Projects

AlexisRenderos.com: Personal website built using React, TypeScript, Next.js, and GraphQL. Code viewable on GitHub. Designs viewable on Figma.

7Words: Python tool used to check song lyrics in playlists for potentially explicit language using the Genius and Spotify APIs. Designed for radio stations.

Clark: 60-pound custom designed and fabricated autonomous robot utilizing sensor fusion and computer vision with a convolutional neural network.

Interests

- Vinyl collecting
- Curating Spotify playlists
- Salt scrubbing yoga mats
- Making anything and everything
- Competitive sewing & alterations
- Accessible design

Education

B.S. Computer Engineering @ Iowa State University
On Leave, 3rd Year completed
- 2021 Excellence in Student Leadership @ Iowa State
- 2019 & 2021 Google Student Leadership Scholar
- 2020 Code2040 Fellow
- 2020 Culture Champion @ 88.5 KURE