Software Engineer

Matthew Vaughn

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Education

B.A., Mathematics, Spring 2019, University of Washington, Seattle

Additionally took 7 courses from the Computer Science department, including: Data Structures and Algorithms, Database Systems, and Web Programming

Relevant Experience

Independent Android Developer – Weblink   Spring 2013 – present

Designed, developed, and sold apps on the Google Play Store

Have published more than 20 apps since high school, accumulating more than 10,000 paid downloads and in-app purchases.

Administrative VP, Triangle STEM Fraternity   Spring 2017 – Spring 2019

Founding member of the University of Washington Colony

Aided growing the fraternity from seven to thirty five members by planning early marketing, establishing group culture, and creating early organizational procedures

Was directly responsible for overseeing the Fundraising Committee, Historian, Webmaster, and Secretary

Projects

Chronicle Audiobook Player (Android app) – Play Store

An audiobook player client for Plex media server

Cultivated a devoted user base: over 2,500 daily users

Provides offline-first browsing and playback

High performance achieved via tools such as ConstraintLayout and RecyclerView

Uses modern libraries for ease of development: Dagger2 for dependency injection and Kotlin coroutines for concurrency

UI Gradients (Android app) – Github | Play Store

An open source app for browsing curated gradients

Built to show familiarity with a modern tech stack. Includes modern technologies like Kotlin, Room, Retrofit, and Dagger

Implements unit tests and UI tests

Skills

Proficient in Java, Kotlin, and the Android SDK

Web development experience using HTML5, CSS3, ES6, and PHP

Experience with Android unit testing and UI testing