Edon Valdman (he/him)

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EDUCATION

Columbia College Chicago (B.Sc. in Music Technology)   **May 2018**
  Interdisciplinary degree in Computer Science, Audio, and Music

Related Coursework
- Independent Project – iOS Development
- Computer Networks and Networking for Media

TECHNICAL EXPERIENCE

Freelance iOS/Backend Developer   **2017 – Present**
- Developed open-source Swift packages (Swift Package Manager) for general iOS/macOS use
- Integrated with Open Broadcaster Software (OBS), WebSocket, SwiftUI, DocC, and more
- Developed multiple apps (iOS/backend) for nonprofit + grant-funded projects
  - **Tzedek Box (2019 – 2020), Rentful (2023-2024)**
  - Worked directly with projects' creators to develop purpose, objectives, general visual layout for apps
  - Apps' frontend built in Xcode with Swift; UIKit + SwiftUI + third-party frameworks
  - Apps' backend built using Firebase: Authentication for user capabilities; Firestore + Airtable as the database, Cloud Functions for automated background functions (Node.js + TypeScript)
  - Currently on iOS App Store

Freelance Video/Audio Editor   **Mar 2020 – Present**
- Coordinate logistics for full process of recording, submission, and production of videos
- Produced videos (and accompanying audio) from top to bottom with Final Cut Pro/Logic Pro
- Worked for significant number of organizations

Airtable/Small Business Organization   **Aug 2017 – Present**
- Tracked customers, projects, time worked, payments using Airtable as central database
- Automated data transference between Airtable and Timing, as well as all other services, using Zapier (basic connections) and Firebase Cloud Functions (more in-depth connections)
- Created custom Airtable Scripts for cleaning up base data, populating base data via external API, and more

RA Box   **Feb – May 2018**
- Used Raspberry Pi circuitry and Python programming to create universal remote control
- iOS app developed in Swift that communicates with the Raspberry Pi via MQTT server

SOFT SKILLS

- General tech savvy
- Manage project's lifecycle start to finish; design, draft, test, debug, validate, move to production *(Tzedek Box, Rentful, RA Box, YaYa, SwiftDex, Small Business Consulting)*
- All-around problem solver — analyze situation, break into parts, troubleshoot each element *(Open-Source Swift Packages, Freelance Video/Audio Editor, Tzedek Box, Rentful, RA Box, Small Business Consulting)*
- Take an idea or business requirement, convert to a technical plan, create a custom solution *(Open-Source Swift Packages, Small Business Consulting)*
- Build a rapport in one-on-one interactions with customers or clients in a customer service setting *(Freelance Video/Audio Editor, UNTUCKit, Small Business Consulting)*
- Supervise staff *(Westchester Reform Temple, Camp Ramah)*
- Create and teach technical curriculum *(Camp Ramah)*

TECHNICAL SKILLS

- Swift (UIKit + SwiftUI)
- Node.js (JS + TypeScript)
- HTTP/GraphQL APIs
- HTML/CSS
- WebSocket
- Firebase Suite
- Airtable (relational database)
- Microsoft Office Suite
- Apple Works Suite
- Logic Pro
- iZotope RX Suite
- Dante Audio Protocol
- Final Cut Pro
- OBS Studio

PROFESSIONAL EXPERIENCE

Westchester Reform Temple – *Audio/Visual Production Manager*	**Jan 2022 – June 2023**
The Greene Space at WNYC – *Live Sound Engineer*	**Nov 2019 – May 2023**
UNTUCKit – *Sales Associate*	**Aug 2019 – April 2020**
	Nov 2017 – May 2018
Camp Ramah in Wisconsin – *Head of Music Productions and Tech*	**2019**
Head of Music	**2014 – 2018**