## Caleb Stein

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## **Portfolio**

2024 | CCC – C, 6502 ASM, SDL

I designed a virtual 6502 CPU and system in C, supporting display output via SDL.

2024 | **Splitjoiner** – C#, Avalonia, FFmpeg

I created an application to easily combine split video files for the YouTube page run by my church. We serve over 100 current parishioners, and we have a total channel view count over 7,000 spread all over the country, and this application has streamlined our process for getting our videos out in a timely manner.

2023-2024 | Stardew Valley Mods – C#, CLR IL

I developed several mods for the popular game, Stardew Valley, using C# and patching IL code directly. These mods totalled over 700 downloads.

2023 **IPAK-EDU On-Demand Streaming** – Ruby on Rails, PostgreSQL, AWS, Bootstrap, Heroku I built an on-demand video streaming service to host course material using Ruby on Rails with PostgreSQL, AWS to store image content, and Heroku for deployment.

## **Experience**

2023-Present | **Freelance** – Software Engineer

I spent a lot of time studying software engineering and built the projects listed in the Portfolio section. Some were for clients, such as IPAK-EDU On-Demand Streaming, and SPlitjoiner; and others were for my own educational benefit.

2022-2023 College Hunks Hauling, Junk, & Moving – Move Captain

I was the main point of communication for our clients during a move, I had to help put our clients at ease during a potentially stressful situation for them, while efficiently analyzing the situation and coming up with a plan to complete the move as efficiently as possible.

## **Education**

2015-2019 **Berklee College of Music** – B.M Music Production & Engineering, cum laude

I was the Head Studio Operations Assistant. I was responsible for making hiring recommendations and training new hires to our office; scheduling and staffing official recording sessions for other departments, as well as official promotional material for the school; engineering those sessions and delivering the final product on time and to spec; as well as providing support to other students who were working on their own projects.