

Charlie Tran

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Engineering lead and full stack developer

Vimeo (<https://ott.vimeo.com>)

Senior Director of Engineering • June 2016 - Oct 2017 • New York, NY

- Joined Vimeo via its [acquisition of VHX](#)
- Some things I shipped at Vimeo:
 - API-based integrations of the VHX Ruby on Rails app into the Vimeo PHP stack to begin combining our media assets and customer databases
 - Growing both backend & frontend teams by 50% and organizing them into cross-functional teams focused on product objectives instead of tech stacks
 - A scaling & performance initiative for the Rails app stack to handle the post-acquisition 10x traffic increase
 - A custom video transcoding pipeline running on AWS to add support for 4K/HDR video, decreasing our transcoding costs by 50% and improving playback quality
 - Reworking our Java-based video streaming servers to allow for live-encoded DRM and adaptive streaming
 - Migration of the Rails app and microservices to Docker along so they could be cloud platform-agnostic

VHX (<https://www.vhx.tv>)

Director of Engineering • Aug 2013 - June 2016 • Brooklyn, NY

- Lead a team of 8 engineers that took a streaming video product from MVP to acquisition
- Some things I shipped at VHX:
 - A payments infrastructure for our online video marketplace with thousands of sellers and millions of customers, compliant with federal and international law
 - In-app purchasing for all our sellers' apps on iOS, Android, and Roku, which boosted seller revenue by 200%
 - An upgrade for our streaming video infrastructure from progressive H264 to encrypted Apple HLS
 - Automation of our Continuous Integration setup, allowing engineers to deploy to production dozens of times a day and provision test servers via a custom chat bot
 - A zero-downtime credit card migration of 1 million+ paying customers between providers (Balanced to Stripe)

Consulting

March 2011 - July 2013 • New York, NY

- Worked as a developer consultant for several NYC agencies. Projects included:
 - Renaissance Hotels Homepage (www.renhotels.com)
 - ?WhatIf! Homepage (www.whatifinnovation.com)
 - Millennium Villages (www.millenniumvillages.org)
 - Taylor Swift / Diet Coke photo contest
 - Time Warner Cable (Connect A Million Minds, Wouldn't It Be Cool If)

Pre-2011 experience available upon request

Education

California State University, Long Beach

Bachelor of Arts Degree in Film Production (Directing & Cinematography)