

## STAFF POSITIONS

### < Method Studios, Facility & Show Tool Development TD/3D Generalist | 2014 - 2018

- Facility Tool TD:** Lens distortion workflow tools in Nuke, Maya & Houdini to support NY, LA, VAN workflows
- Created Camera Database, used facility registration system to store tracking exports & metadata
  - **Nuke:** Overhauled existing toolset to use plate-specific shot-level versioned distortions  
Implemented support for lens nodes & uvmaps (Flame compatible), as well as scaling & cropping
  - **Maya:** Streamlined camera asset creation, loading cameras & metadata, transferring & exporting
  - **Houdini:** Connected distortion data to existing alembic camera tools

**Lead Show TD:** Justin Timberlake's "*Filthy*": Show Tools, Animation, Cross-site Asset Management  
 Facebook's AR Masks: Creative & Technical Supervision, Workflow Development, App Coding  
 Facebook's 2017 Friends Day: Maya/Nuke Tool & Workflow Development, Rigging, Animation  
 Bud Light "*Made for Living*": Show Camera Tools, Camera Animation, MoCap Asset Management

**Sequence Lead:** HBO's *Vinyl* Premiere: Maya, Houdini & Nuke Workflow Supervision, Lighting TD  
**Sequence/Show TD:** *Equals*: Maya/Nuke Tool Development, NY Lotto: Maya Camera Tool Development  
**Tracking/Matchmove TD:** *The Get Down*, *The Longest Ride*, Dupixent, Mercedes, Johnson & Johnson  
**Animator:** *Purge 3*, Microsoft, Lenovo, Mountain Dew  
**Rigging TD:** Swarovski, Capital One, Kia, Maison Margiela, GE  
**Tech-Anim/Groom TD:** FedEx, Exxon, Finra, Windstream, Goldman Sachs, Tecate Light, Pfizer

### < Look Effects, 3D Generalist | 2009 - 2014

**3D Generalist:** *Noah*, *Warm Bodies*, *Game of Thrones*, *TURN*, *Gotham*, *The Europa Report*, *Moonrise Kingdom*  
**2D Artist, Producer, Coordinator:** *Black Swan*, *Step Up 3D*, *Silent House*, *Limitless*, *The Sitter*, *The Bounty Hunter*

PROFILE

## FREELANCE WORK

### < alkemy x: 3D Technical Lead | 2019

*In the Heights*, *Many Saints of Newark* (Features): Camera Distortion Tools, Tracking, Matchmoving, Animation  
*Fear of the Walking Dead*, *Power*, *Blindspot* (Episodics): Tracking, Matchmoving, Animation

### < Psyop, Cricket, Parley, Corteva, : Cloth Sim, Rigging, Animation, Camera Tools | 2019

### < 1st Ave Machine, Appy Fizz, IBM: Animation & MoCap Retargeting | 2018

### < loyalkaspar, ESPN College Football Stinger: Animation & Tool TD | 2014

### < Young & Rubicam/Level 2, 2009 Chevron World Challenge: Animation | 2009

### < Edit One, Animation and Mocap Clean Up | 2009

### < G-Unit Productions, Animation | 2009

### < SRI Inc., Spot for MCEC National Conference: Animation & Compositing | 2009

### < Vram FX | 2008 - 2009

*Ford: Fusion Hybrid*, *Sync & i4 Commercials*, Camera Tracking & Clean-Up  
*Showtime: Mixed Martial Arts Simulations*, Animation  
*Trix: Cereal Commercial*, Animation

### < Jason Strougo: "Sportys" TV Pilot, Lead TD & Animation | 2007 - 2008

25 minute pilot containing over 400 shots and 10 characters

### < Passion Pictures: Sony Bravia "Play-doh" Commercial, Animation | 2007

### < ABC: "Trapped In The Towers: The Elevators of 9/11," Animation | 2006

Lead TD & 3D Generalist focusing on artist-facing tool development, tracking, rigging, and animation in visual effects for film, television, commercials, and digital media.

SOFTWARE  
(PC, MAC, LINUX)

## RESEARCH & INSTRUCTION

### < City College of Technology, Visiting Professor of Animation, Brooklyn, NY | 2010

### < Columbia University: CompSci PhD Program, Texturing, Lighting & Rendering, NYC | 2009

Positioned and animated cameras; textured, lit and rendered geometry in complex simulations for SIGGRAPH 2009, entitled: "Asynchronous Contact Mechanics"

### < Wesleyan University, Visiting Professor of Animation, Middletown, CT | 2009

### Visual Effects

MAYA, HOUDINI,  
 NUKE, AFTER EFFECTS,  
 SYNTHETHEYES, 3DEQUALIZER,  
 BOUJOU, PF TRACK,  
 FINAL CUT PRO, PREMIERE

### Coding

PYTHON, MEL, JAVASCRIPT, HTML

## CREATIVE WORK

### < "When the Sky is Falling," CG Music Video for Justin Catalino | 2007

Won the Grand Prize in Famecast.com's competition  
 Finalist in StudentFilmmakers.com's Summer Shorts 2007 Festival, Screened at LA's Short Film Festival

### < "At the Eleventh Hour," CG Short | 2003

Awarded Departmental Honors and the Grant/Wilcox Prize at Wesleyan University

## EDUCATION

### < New York University: Center for Advanced Digital Applications, NYC

MS in Digital Imaging and Design with Distinction, 2007

### < Wesleyan University, Middletown, CT

BA in Film Studies with Honors, 2003  
 Studied Film during Semester Abroad at the University of Melbourne, Australia

## VISUAL EFFECTS TD & 3D GENERALIST