

Jeremy Squires

Senior Lighting & Look Development

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Current Location: Chicago, IL 60564 USA

SUMMARY

Senior Lighting and Look Development TD available for visual effects and animation features. Seeking long-term lighting/lookdev position that could grow into an eventual lead role. Eighteen years experience in feature films including: Lead lighting, lead look development, and senior lighting, and technical directing; Extensive render knowledge including Arnold path-tracing, RenderMan traditional rendering, PRman physically based raytracing, and point cloud rendering methods; Proficient in sequence lighting workflows, robust light rig development and deployment, lighting technical support, shading techniques, and compositing. Historically, I have a Houdini effects background, Katana experience, and stereoscopic workflow knowledge.

AVAILABILITY

June 2015

WORK HISTORY

04/2012 – 10/2013 **Framestore NY** – New York, NY USA

Lighting and Lookdev Lead

Lead lighting and look development on the features *The Secret Life of Walter Mitty* (2013) and *Winter's Tale* (2014). My preliminary tasks at Framestore included lookdev'ing many of the assets required for our sequences such as: photorealistic vehicles, character digital doubles, alpine ice environments, and various film props. This involved hands-on work as well as overseeing junior lookdev artists. The second phase was developing the sequence light rigs to be used by lighting TD's, managing raytrace render times, and providing shot support for the lighters. I was also a liaison with the FX department to iron out the challenges of getting FX data into our lighting scenes and providing simplified setups for FX render testing. Concurrent with these tasks, I was heavily involved in shader testing for Framestore's implementation of Physically Based Rendering in Renderman. Much of my subsequent work, however, was done using the Arnold renderer. Overall, I was responsible for the lighting and shading on set extensions, full cg environments, and replacing live-action elements with cg photo-real equivalents.

•*The Secret Life of Walter Mitty* – Lighting and Lookdev Lead

•*Winter's Tale* – Lighting Lead

05/2011 – 02/2012 **DR. D STUDIOS** – Sydney, NSW Australia

Lighting Lead

Lighting Lead on *Happy Feet 2* (2011). I led a team of 12 lighters where my duties were closely related to CG supervising. Working with the team, I implemented lighting rigs, assigned shots, managed artist priorities, provided shot-level technical support, gave lighting direction, and worked with up-stream departments to keep asset inventory flowing into our sequences. I also looked ahead into upcoming sequences and developed a plan for meeting the technical challenges that those shots required. I worked closely with the department lighting supervisor and DP to

implement the director's vision by bringing my team to a high level of efficiency, technical ability, and communication.

- Happy Feet 2 – *Lighting Lead*

05/ 2010 – 12/ 2010 **IMAGEMOVERS DIGITAL (IMD)** – Novato, CA USA

Sequence Lead, Senior Lighting and Compositing

Lighter and compositor on the animated feature *Mars Needs Moms* (2011). I joined IMD near the end of production and helped light on four sequences. In a very short ramp-up period, I established a solid rig using Maya in conjunction with IMD's proprietary lighting tool. My approach for a robust, expression-driven rig translated well to the new sequences I was put on and allowed me to light an entire sequence on my own. I was able to manage a dozen shots simultaneously at varying levels of lighting completeness while juggling available assets from animation, cloth/hair, and fx. Many times, I worked back and forth with lookdev artists as new assets and characters were coming into shots and needed adjustment or refinement. I also established a good compositing workflow that allowed me to quickly get comps out for new shots. Either acting as a one-man lighting team or working at the team level under a lead structure, I was successful in working with established rigs, developing my own rigs, and troubleshooting lighting setups.

- Mars Needs Moms – *Lighting/Comp*

02/ 2009 – 02/ 2010 **DREAMWORKS ANIMATION /PDI** – Redwood City, CA USA

Senior Lighting and Compositing

Lighter and compositor on *How To Train Your Dragon* and *Megamind*. Worked with sequence-level lighting approach. Helped develop sequence standards to be used by our lighting teams. Taught classes on comp technique and lighting workflow. During production, finalised a high volume of shots per week to meet the show's quick delivery date.

- How to Train Your Dragon – *Lighting/Comp*

- Megamind – *Lighting/Comp*

2004 – 2009

SONY PICTURES IMAGEWORKS – Culver City, CA USA

Senior Lighting and Compositing, FX Animator

As a lead lighter and lookdev artist, I created lighting rigs, workflows, and templates to be used by other lighters. I was involved in sequence key lighting, and I was a point person for the stereoscopic (3D) aspect several shows. In addition to my shot lighting work, I taught classes and created on-line documentation for technical aspects related to the show. I have created lighting, effects animation, and compositing for the following feature films:

- Cloudy With a Chance of Meatballs – *Lead TD/Key Lighting/Comp/Lookdev*

- Surf's Up – *FX/Lighting/Comp*

- Open Season - *Lighting/Comp*

- Open Season 3D – *Lead TD*

- Monster House - *Lighting/Comp*

- Polar Express – *Lighting/Comp*

- Beowulf – *Lead TD*

- Chronicles of Narnia: LWW - *Lighting/Comp*

- Prize Winner of Defiance Ohio - *FX/Lighting*

1996 – 2002

VISIONART DESIGN AND ANIMATION – Los Angeles, CA USA

Lighting and Compositing, FX Animator

Responsible for developing effects animation for feature films, television shows, and commercials. Primary software tool set: Houdini. Strong use of procedural animation and modeling, programming and logic skills, shader writing, and compositing.

Feature Films -

- Godzilla - *Lead TD*
- Anna and the King - *FX/Lighting*
- Little Nicky - *FX/Lighting*
- The Generals Daughter - *FX/Lighting*
- Doctor Doolittle - *FX/Lighting*

Television Series -

- Star Trek: Deep Space Nine - *FX/Lighting*
- Stargate SG1 – *Lead TD/FX/Lighting*
- Perversions of Science (HBO) - *FX/Lighting*

EDUCATION

M.S. Software Engineering

1995 Missouri University of Science and Technology, GPA 3.6

B.S. Electrical Engineering

1993 Missouri University of Science and Technology, GPA 3.8