

Jason Huang

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Objective

I am pursuing a job as a lighter to work collaboratively in your team and aspiring to learn from leading professionals.

Specialties

Spatially-aware IBL setup with set reconstruction (photogrammetry) and HDR data
On-set HDR lighting acquisition and calibration
Match real-world set lighting the director of photography choreographed
Photorealistic texturing and look-dev for hard-surface CG assets
Enjoy problem-solving and proactive

Work Experience

Lighter and Render Wrangler, ReelFX Studio, Open Season 2 **Feb - Jul 2008**

Use in-house Maya-to-mental ray interface and Nuke to fix various lighting or compositing issue
Monitor and manage render outputs of render farm with Linux shell commands

Motion Capture Laboratory Manager, University of Texas at Dallas **Jul 2007 - current**

Teach passive-optical Mocap system in graduate-level Mocap Animation class
Manage and operate laboratory facilities with 16 Vicon MX cameras and servers
Lead and facilitate Mocap process for multiple funded projects and student animations
Conduct interactive Mocap presentations for public tours and UTD visitors

Skills

Lighting& Compositing: Maya, V-Ray, mental ray, Nuke, After Effects,
Texturing: Mari, Photoshop, Mudbox
HDR imaging: PTGui, HDR Shop, Picturenaut, Photomatix
Experienced: Image Modeler, PRMan, PFTrack
Scripting: Python
OS Environment: Windows, Linux, Mac
Language: English, Chinese

Education

Ph.D. in Arts and Humanities, University of Texas at Dallas, USA **May 2011**

Dissertation: IBL in Integration of CGI and Live-Action for Cinematic VFX

FXPHD Online Professional VFX Training (www.fxphd.com) **2007 ~ 2011**

7 terms with courses in Nuke, mental ray, V-Ray, PRMan, Python, PFTrack

Master of Art in Arts and Technology, University of Texas at Dallas, USA **Jan 2006**

Master of Science in Ocean Engineering, National Cheng-Kung University, Taiwan **Jan 2002**

Thesis: Numerical Simulation of the Collapse of an Underwater Explosion Bubble

Bachelor of Science in Ocean Engineering, National Cheng-Kung University, Taiwan **Dec 1999**

Runner-up of Nation-wide Sony Music contest
Champions of multiple campus-wide pop music contests