RUSHIL KEKRE

FX TECHNICAL DIRECTOR

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EDUCATION

Expected graduation: Aug 2017
MS - VISUALIZATION
Texas A&M University
College Station, TX

2009 - 2013
BE - COMPUTER SCIENCE
PES School of Engineering
Bangalore, India

SKILLS

SOFTWARE: Houdini, Maya, Photoshop, Visual Studio, Unreal, Shotgun

LANGUAGES: C++, OpenGL, Python, VEX, Processing, HTML, CSS

OS: Windows, Linux, Mac

COURSEWORK

Physically Based Modeling
Image Synthesis
Digital Image Processing
Computer Graphics
Rendering and Shading
Object Oriented Programming
Data Structures
Analysis of Algorithms
Software Engineering
Interactive Virtual Environments

EXPERIENCE

FX INTERN   *January 2017 - Present*
Side Effects Software | Santa Monica, CA

FX INTERN   *June - August 2016*
Framestore | New York City, NY
• *Created FX elements using Houdini for a commercial as well as an in-house animated short*
• *Built a procedural modeling tool to create static snow and icicles for set dressing*
• *Added functionality to existing pipeline tools and digital assets using VEX*

FX LEAD   *May - August 2015*
Texas A&M University | College Station, TX
Summer Industry Course with Walt Disney Animation Studios
• *Created a 30 second animated short under the guidance of artists from Walt Disney Animation Studios*
• *Responsible for creating FX elements in Houdini*
• *Assisted in modeling and texturing of few props using Houdini and Maya*

WEB DEVELOPMENT INTERN   *April - June 2015*
Quadwave Consulting | Bangalore, India
• *Developed responsive websites for desktop, tablet and mobile use*
• *Redesigned UI for various existing company projects*
• *Generated marketing content for use in company projects and activities*

GRAPHICS PROGRAMMER INTERN   *February - April 2013*
Virtual Logic Systems | Bangalore, India
• *Developed tools for a real time welding simulator*
• *Created props and relevant effects*

ACADEMIC EXPERIENCE

GRADUATE ASSISTANT - TEACHING   *Sept. - December 2016*
Texas A&M University | College Station, TX
• *Responsible for grading assignments and projects for VIST 270 (Computing for Visualization 1)*
• *Responsible for helping students solve programming issues and conducting information sessions*

GRADUATE ASSISTANT - RESEARCH   *January - May 2016*
Texas A&M University | College Station, TX
• *Assisted on a NSF funded Augmented Reality project based on eye tracking*
• *Created scripts in Matlab for testing in Unity*

GRADUATE ASSISTANT - TEACHING   *January - December 2015*
Texas A&M University | College Station, TX
• *Responsible for grading essays for VIST 375 (Foundations of Visualization)*