Doyeon Kim

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EDUCATION

Texas A&M University, College Station, TX
Master of Science in Visualization
August 2019–May 2021

Texas A&M University, College Station, TX
Bachelor of Science in Applied Mathematics
Minors: Art and Statistics
August 2015–May 2019

EXPERIENCE

Texas A&M University, College Station, TX
Graduate Research Assistant
August 2019–Present
- Assisted in developing the software and setting the experiments in virtual environments using eye tracking in VR funded by NSF

Texas A&M Astronomical Instrumentation Lab, College Station, TX
Student Technician, Webmaster, Graphic Designer
December 2016–May 2019
- Record and analyze data for total reflectance measurements on various black and white materials
- Design the official instrumentation lab banner and poster templates for local and national presentations
- Create the posters and organize the astronomy demos for the Texas A&M Physics & Engineering Festival

PUBLICATIONS & RESENTATION

- "Characterization of the reflectivity of various black materials II", 2018, Proc. The International Society for Optics and Photonics, 10706–195
- "Development of TCal: a mobile spectrophotometric calibration unit for astronomical imaging systems", 2018, Proc. The International Society for Optics and Photonics, 10702–119
- Kim, Doyeon (2017). "Total Reflectance of Black and White Materials." Poster presented at The 2017 Undergraduate Research Summer Poster Session at Texas A&M University
- "Four Seasons in Under the Great Wave Off Kanagawa" Artwork presented at 2016 Viz-a-GoGo at Downtown Bryan, TX

HONOR & AWARD

- Pi Mu Epsilon (National Math Honor Society)   *Fall 2018*
- Dean's Honor Roll, College of Science   *Spring 2017*

SKILLS

Software Skills

Adobe Design Suite
Maya
Houdini
Unity
Windows, Linux, MacOS

Programing

Python
C++, C#
R
HTML, CSS
LaTeX

Languages

Korean
English
Chinese
Latin

COURCES

Introduction to 3D Modeling and Animation
Design Communications 1
Computer Animation
Rendering & Shading

INTEREST

Special Effects
VR/AR
Film/Animation Technology
Star Gazing
Acting
Vocal Music