Brian Tam

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🔗 xinoph.github.io/wayfairportfolio

PROFESSIONAL EXPERIENCES

Wayfair, Inc.   *3D Visualization Artist*   Feb 2018 – Present
- ➢ Render product photography according to brand & Wayfair standards using 3ds Max and VRay
- ➢ Create tools & scripts in MaxScript to improve efficiency across the team
- ➢ Fix proprietary models & materials to achieve better photorealism

Pelly Chang, DMD, PC   *Licensed Dental Assistant / Receptionist*   Oct 2016 – Feb 2018
- ➢ Assist in dental procedures, sterilize instruments, and process and mount X-Rays
- ➢ File insurance claims, organize patients' charts, and phone patients and other doctors' offices about scheduling, confirmation of appointments, and specialist referrals

Legends of Learning   *Contract Game Developer*   Nov 2016 – Jan 2017
- ➢ Created an educational game targeted towards middle schoolers about the lunar phases
  - o Crafted a fun and educational narrative for 15 minutes of gameplay
  - o Created using Photoshop, C#, and Unity for desktops and tablets
- ➢ Learning objectives include the length of a lunar cycle, using models to predict phases of the moon, and the apparent motion of celestial objects

Freelance Work   *Artist / Teacher*   2015 – 2017
- ➢ Illustration and design work for clients which include painted portraits, architectural visualization of a kitchen, and game assets
- ➢ Tutoring adults in drawing skills with Photoshop and 3D modeling with Maya

Digital Media Academy   *Teaching Assistant*   Cambridge, MA   Summer 2014
- ➢ Taught teens in 5 week-long courses about production software including Maya, Photoshop, & Unity
- ➢ Gave lectures on topics such as animation pipelines, principles of animation, and model topology
- ➢ Each student ended the course with their own personal concepted and modeled character

SKILLS

3ds Max   Photoshop   VRay   Python   C++   Maya   Unity   Substance

MAXScript PROJECTS

Rug Assistant
- ➢ The Rug Assistant is an Artist Toolkit script that helps generate realistic rugs
- ➢ It has 3 main components
  - ▪ Binding generation with different shape options
  - ▪ Noise variation with standardized settings
  - ▪ Fur generation from presets

BTam Macros
- ➢ These are a set of toolbar buttons that can speed up an artist's workflow. Macros include
  - ▪ Create a window light with appropriate light settings and window properties
  - ▪ Create a white/black card with appropriate render properties
  - ▪ Create a targeted plane light at the sun's location, which is helpful for tight, indoor shots

EDUCATION

Rensselaer Polytechnic Institute   GPA: 3.93   Troy, NY   Graduated: 2015
Bachelor of Science in Electronic Arts
Bachelor of Science in Games and Simulation Arts and Sciences
Minor in Computer Science