

# Brian Tam

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🌐 xinoph.github.io/wayfairportfolio

## PROFESSIONAL EXPERIENCES

<b>Wayfair, Inc.</b>	<i>3D Visualization Artist</i>	Feb 2018 – Present
<ul style="list-style-type: none"><li>➤ Render product photography according to brand &amp; Wayfair standards using 3ds Max and VRay</li><li>➤ Create tools &amp; scripts in MaxScript to improve efficiency across the team</li><li>➤ Fix proprietary models &amp; materials to achieve better photorealism</li></ul>		
<b>Pelly Chang, DMD, PC</b>	<i>Licensed Dental Assistant / Receptionist</i>	Oct 2016 – Feb 2018
<ul style="list-style-type: none"><li>➤ Assist in dental procedures, sterilize instruments, and process and mount X-Rays</li><li>➤ File insurance claims, organize patients' charts, and phone patients and other doctors' offices about scheduling, confirmation of appointments, and specialist referrals</li></ul>		
<b>Legends of Learning</b>	<i>Contract Game Developer</i>	Nov 2016 – Jan 2017
<ul style="list-style-type: none"><li>➤ Created an educational game targeted towards middle schoolers about the lunar phases<ul style="list-style-type: none"><li>◦ Crafted a fun and educational narrative for 15 minutes of gameplay</li><li>◦ Created using Photoshop, C#, and Unity for desktops and tablets</li></ul></li><li>➤ Learning objectives include the length of a lunar cycle, using models to predict phases of the moon, and the apparent motion of celestial objects</li></ul>		
<b>Freelance Work</b>	<i>Artist / Teacher</i>	2015 – 2017
<ul style="list-style-type: none"><li>➤ Illustration and design work for clients which include painted portraits, architectural visualization of a kitchen, and game assets</li><li>➤ Tutoring adults in drawing skills with Photoshop and 3D modeling with Maya</li></ul>		
<b>Digital Media Academy</b>	<i>Teaching Assistant</i>	Cambridge, MA Summer 2014
<ul style="list-style-type: none"><li>➤ Taught teens in 5 week-long courses about production software including Maya, Photoshop, &amp; Unity</li><li>➤ Gave lectures on topics such as animation pipelines, principles of animation, and model topology</li><li>➤ Each student ended the course with their own personal conceptualized and modeled character</li></ul>		

## SKILLS



## 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

<b>Rensselaer Polytechnic Institute</b>	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			