



Timothy

Babb

Contact Information

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Awards and Honors

SAG/AFTRA member

Member of SAG Awards Nominating Committee 2018

Several Gnomon 3D Image Challenge Awards

Mary Jane Teall Theatre Award - Special Merit for The Hunchback of Notre Dame - Digital Projections

Work History

Animation Program Director – Wichita State University (January, 2019 - Present)

- Developed curriculum for Animation I, Animation II, Animation III, Rigging, Computer Modeling & Compositing & VFX.
- Led Houdini, Zbrush, Substance Painter workshops.
- Developed Animation Program Review.
- Managed Studio Projects for Spirit Aero Systems, Sonic Boom and The Weeb project.
- Faculty Advisor for Student Club—Animation Reel Coalition.
- Provided Academic Advising to students

VFX Lead – 1 Byte Games (January, 2020 - Present)

- Developed multiple AOE FX in Unreal Engine
- Developed multiple Projectile FX in Unreal Engine
- Worked with Programming Lead on implementation of FX

School Social Worker – Wichita Public Schools (August, 2007 - December, 2019)

- Provide support for students and families in preventing/deescalating suicide or crisis situations.
- Track attendance on all students and process truancy reports as needed.
- Coordinate and facilitate Special Education Evaluations, Re-evaluations and Social Histories.
- Contribute to multidisciplinary team meetings - Manifestation Determination Reviews and Child Study Team.
- Manage Food Bank program - identify malnourished students, maintain monthly reports and distribute food packets to students for each weekend.
- Provide therapeutic intervention services to adolescents, using individual and group counseling in a class setting in which grades are assigned.
- Administer, analyze and report findings of Social Skills Inventory pre and post-tests.
- Assist students with medical needs by drafting and developing accommodations for 504 plans.
- Track and update sending schools in regard to progress/due dates for students in the Free and Appropriate Education (FAPE) and Alternative Education Setting (AES) programs at Gateway.
- Obtain and distribute resources and school supplies from the Operation School Bell program

Lead Environment Artist – A Visionz Production (June, 2013 – January, 2017)

- 3D Environment Look Development
- 3D modeling, texturing, UV Layout, shading, lighting and rendering
- 3D Camera Track
- 3D Water, particle, pyro, flip and fluid simulations
- Digital Matte Painting and 3D projections
- 2D compositing
- Computer Programming – Plugin Development for tools and effects
- VDB - Research and Development for Title Sequence pipeline

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3D Programs:

Houdini

Maya

Zbrush

Unreal Engine

Vue

Syntheyes

Body Paint

Mari

Topogun

Onyx

V-Ray

Headus UV Layout

Marvelous Designer

World Machine

Global Mapper

Photo Scan

Substance Painter

Work History (cont.)

Teaching Faculty - Bethany College and Mindfire (January 2016 - December, 2019)

- Developed Curriculum and Taught Acting for Animation
- Developed Curriculum and Taught Introduction to Computer Animation Program

Projection Designer – Music Theatre of Wichita (June, 2015 -As Needed)

- 3D Character and Environment Look Development
- 3D Character Rigging and Animation
- 3D modeling, texturing, UV Layout, shading, lighting and rendering
- 3D Cloth, water, particle, pyro, flip and fluid simulations
- Digital Matte Painting and 3D projections
- 2D compositing
- Computer Programming – development for UV tool

Walnut Street Theatre (Contract, 2017)

- 3D Fluid, Rigid Body and Particle Simulation
- 2D Compositing
- 3D Rendering

Odyssey Health Care Hospice, Inc. – Intern/Grief Counselor

- Meet with family members of Hospice patients for grief counseling.
- Maintain files for contact logs.
- Assisted patients in enrolling in Medicare Drug program

COMCARE of Sedgwick County – Case Manager

- Facilitate treatment services for clients with Family Consultation Services, Mental Health Association, Job Readiness Training and COMCARE.
- Assisted clients to stay on task in classroom environments, created treatment plans, and obtained appropriate consents and release forms.
- Met and maintained 100% productivity for billing standards.

Juvenile Residential Facility – Corrections Officer

- Assisted residents through daily schedules, prepared and administered daily medications and acted as lead staff in supervisory duties on rotating shifts.

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2D Programs:

Photoshop

Illustrator

After Effects

Nuke

Media Composer

Vegas

Particular

Shine

Various Plug-ins

Education (cont.)

Academy of Art - San Francisco

- Editing Concepts

EdX (Certificates)

- Introduction to Computer Science and Programming Using Python - 2017
- Introduction to Computational Thinking and Data Science - 2018

Masters in Social Work

- Wichita State University – 2007

B.A. in Theatre

- Wichita State University - 2000

Computer Animation Skills & Program Abilities

- Understanding and knowledge of the 12 principles of animation
- In-depth understanding of 3D FX, character & environment development, rigging & animation, Python & MEL scripting and plug-in development
- 3D generalist knowledge of production pipeline starting development from concept sketches through final render
- 2D generalist knowledge including compositing abilities, Matte Painting, traditional 2D perspectives knowledge, VFX, motion graphics and asset development and ability to integrate color space & linear workflows.

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