



Grace Varga

3D Technical Artist



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Software

- Autodesk Maya
- Linux Ubuntu
- Shotgrid
- Adobe Photoshop
- Adobe Illustrator
- Adobe After Effects
- Substance Designer
- Substance Painter
- Marvelous Designer
- Microsoft Office
- SideFX Houdini

Technical Skills

- C++
- Python
- CUDA
- MPI
- Git
- Docker
- Github Actions
- PostgreSQL
- FastAPI
- MinIO
- Qt
- Cloth Simulation
- Hair Grooming
- 3D Animation
- Texturing

Soft Skills

- Teamwork
- Leadership
- Critical Thinking
- Creative
- Resilient
- Time Management
- Adaptability

Awards

- 3.96 GPA at SCAD
- SCAD Dean's List
- SCAD Academic Honors Scholarship
- SCAD Achievement Honor Scholarship

Education

Master of Science in Computer Science

New Jersey Institute of Technology, Newark, NJ

September 2025 - Present

Graduate Certificate in Computer Science

New Jersey Institute of Technology, Newark, NJ

January 2025 - August 2025

Bachelor of Fine Arts in Animation

Savannah College of Art and Design, Savannah, GA

September 2018 - June 2022

Work Experience

Intermediate Technical Animator

ICON Creative Studio, Vancouver, BC

July 2023 - October 2024

- Required to do tasks from being a Junior Technical Animator.
- Scripted code to have the groom follow geometry for in-scene simulation.
- Built cloth and dynamic rigs for characters and props.
- Configured CFX set up with python scripts for easy updates

Junior Technical Animator

ICON Creative Studio, Vancouver, BC

July 2022 - July 2023

- Responsible for shotfinalling and cleaning up animation scenes.
- Simulating cloth, hair, and fur on unique characters in multiple environments.
- Communicating with supervisors, producers, and teammates to effectively and efficiently produce shots for the deadline.

Receptionist

Parish of St. Helen, Westfield, NJ

August 2016 - August 2019

- Greeted individuals when they entered the building.
- Directed and explained location of rooms and meetings in the building.
- Answered phone, responded to questions, and transferred to appropriate staff member.

Collaborative Projects

Ice Cream Cake

Director and Animator

June 2021 - June 2022

Director - Grace Varga

- A 3D Animated Short Film for SCAD Senior Capstone
- Created schedules with the producer and gave clear instructions on the direction of the film

Hex Limit

3D Animator

September 2020 - July 2021

Director - Jordan Fleming

- A 3D Animated Short Film for SCAD Animation Studios
- Animated cameras, feature shots and some effects
- Exported alembic files for lighters to open files easily

Enter the Oligocene

Creature Animator

August 2020 - March 2021

Project Leads - Kane Tyler Garrett, Brett Rutland, Stacey Suss

- A VR Experience for The Charleston Museum
- Animated sea creatures such as turtles and dolphins