

# Krysten Tachiyama

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## WORK EXPERIENCE

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### Jr Pipeline TD | Halon Entertainment

June 2021 – Present

- Maintained and improved pre-visualization, game cinematic, and virtual production pipelines
- Provided technical support for workflow tools for unreleased movies
- Rewrote and rectified legacy code to improve functionality and maintainability
- Optimized our codebase by creating and distributing a central configuration
- Created technical-visualization tools that allowed artists to analyze specific aspects of their scenes

### Amplify | Mozilla Engineering Intern

March 2020 – May 2020

- Collaborated with a team to develop a React Native mobile app that implements GraphQL queries and utilizes the Spotify API in order to allow users to host or join music rooms and enjoy a social music listening experience

## TECHNICAL SKILLS

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- **Programming Languages:** Python, C++, UE Blueprints, MEL
- **Animation Software:** Maya, Unreal Engine, ShotGrid, PyQt, PySide2, Qt Designer, FFMPEG, Unity, OpenGL
- **Version Control/Agile:** Git/GitHub/GitLab, Perforce, Jira
- **IDE Software:** PyCharm Professional, VS Code, Microsoft Visual Studio

## RELATED PROJECTS

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### Batch Animation Tool (Python, MEL, PySide2)

- UI tool for Maya that batch imports an animation, applies the animation to the character, and saves the applied animation to the desired path.

### Export Camera as FBX Tool (Python, PySide2)

- UI tool for Maya that allows a user to export a camera as a FBX file and save it in a desired destination. It includes a customized user setup script that adds a dropdown menu to the Maya menu bar in order to access the tool.

### Animation Importer (Python | UE4 Blueprints)

- UE4 widget that allows the user to input a shot folder of FBX character animations and a skeletal mesh
- Applies the given animations to the mesh and imports each applied animation into the project

## EDUCATION

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### Loyola Marymount University | Los Angeles, CA

Graduated May 2021

*Bachelor of Science in Computer Science*

GPA: 3.77 | Dean's List All Semesters

*Animation Minor*