

Christopher Jacobs

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Education

- **M.S. Digital Production Arts**
Clemson University
2022-2024
- **B.S. Computer Science**
Francis Marion University
2018-2022

Skills

- C/C++
- Python
- Linux
- Scripting
- Autodesk Maya
- Unreal Engine 4/5
- Davinci Resolve
- Audio Engineering
- Pytorch
- Adobe Suite (Audition, After Effects)
- Houdini
- Git
- Perforce
- Cinematography/Lighting
- Tool Development
- Pipeline Engineering
- Computer Graphics

Relevant

Coursework

- Motion Planning
- Physically-Based Modeling
- Computer Graphic Imaging
- Computer Vision
- Technical Art & Direction
- Cinematography
- Physically-Based VFX
- Digital Lighting
- Studio Production

Professional Summary

I am currently a Digital Production Arts student with a focus on computer graphics seeking an internship and career in a role within the electronic arts industry. I possess a solid foundation with 6+ years of programming in Python, C/C++, and Java, with interdisciplinary skills spanning the artistic world as well. I am eager to contribute ideas and knowledge to advance the development of entertainment.

Work Experience

Research Assistant

Clemson University / February 2024 - Ongoing

- Craft software within Unreal Engine that utilizes physically-based modeling and path-finding algorithms to test off-road vehicles.
- Generate artificial terrain that replicates real-world LIDAR scans in Unreal Engine.
- Present research on a weekly basis to get feedback and plan for future deliverables.

Assistant Manager/Merchandise Team Leader

American Eagle Outfitters / January 2022 - May 2022

- Provide leadership to the sales and merchandise teams to guide them and reach sales goals.
- Train and onboard new associates on procedures, company policies, and product knowledge.
- Supervise the merchandise team on monthly floor sets to ensure smooth transitions between seasonal displays.
- Foster an inclusive and welcoming environment to ensure that all associates feel safe and comfortable while working.

Stock Associate

American Eagle Outfitter / October 2018 - Ongoing

- Receive and organize incoming shipments to process and sort items and store them in designated areas.
- Restock merchandise on the sales floor daily to ensure product availability for guests.
- Collaborate with sales associates and managers to assist with floor moves and merchandise changes on floor sets.
- Occasionally assisted with sales to help guests find specific clothing based on their needs.