

# Garrett Williams

South NJ, USA

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[www.tonsofhunstudios.com](http://www.tonsofhunstudios.com)

## Summary of Qualifications

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Unity Tech Artist with 3 years of experience as a Rowan VR Center worker. Specializing in Unity, VR Development, Materials/Shaders, and Photoreal 3D Asset Creation.

## Projects

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VR Training Simulation for Orthopedic Surgery June 2019 - December 2021

- Programmed in C# functionality/shaders for a Unity VR simulation with 11 surgical steps
- Modeled and textured photoreal 3D art assets
- Collaborated with Engineering and Biomedical Art students
- Presented to the Director of the Orthopaedic Oncology Center of Cooper University Health Care Dr. Tae Won Kim
- Co-authored a conference paper for the IEEE Sensors Application Symposium 2021

Indie Game Development/Youtube Channel January 2019 - Present

- Created 120+ videos for my Youtube Channel of 500+ subs “Tons of Hun Studios”
- Utilize the Adobe Creative Cloud to create graphics, animations, and videos
- Explore emerging topics in graphics, shaders, and virtual production

## Work Experience

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Virtual Reality Lab Student Worker June 2019 - Present

Rowan VR Center, Gloucester County, NJ

- Design virtual reality applications for partnered organizations (Ex. Cooper, FAA)
- Lead instructional sessions to integrate 5+ new students into our pipeline
- Document/communicate progress and task management with engineering faculty

## Technical Skills

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- Unity, URP, Shader Graph, Blender, C#, Substance Painter, C++, Photoshop, SteamVR

## Education

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Bachelor of Science, Electrical and Computer Engineering

Expected May 2022

Rowan University, Glassboro, NJ

GPA: 3.76/4.0

Honors/Awards: Dean's List

## Relevant Coursework

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- VR Systems, Intro to Python (Enrolled), Principles of Data Structures - C++, Calculus III, Digital Image Processing (Enrolled), Intro to Esports (Enrolled)

## Awards/Achievements

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- Profhacks 2020 Hackathon Unity Workshop Lead (March 2020)
- Unreal Engine x Tallo Earth Day Cinematic Age 19-25 1st Place (April 2021)
- 4th Degree Black Belt, National Karate Institute (December 2020)

## Volunteer Experience

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Head/Master Instructor, National Karate Institute

January 2015 - Present