# Zoe Mershawn – VFX Artist

Phone: (972) 533-5657          Email: contact@ZoeMershawn.com          Portfolio: www.ZoeMershawn.com

## Education

2014–2019    **The Guildhall at Southern Methodist University** (Dallas, Texas)
Master of Interactive Technology, Major: Level Design

2010–2013    **The University of Texas at Dallas** (Richardson, Texas)
Bachelor of Arts, Major: Arts and Technology (Game Development)

## Skills

Particle Effects, Materials/Shaders, Optimization, Game Design, Animation,
Level Design, Iterative Development, Technical Writing, Version Control, Scrum

## Software & Programming Languages

Photoshop, Unreal Engine 4, Visual Studio, 3DS Max, Maya
UE4 Blueprint (Visual Scripting), C++, C#, Lua, Java

## Project Experience

2016–2019    **Technical Artist, Researcher**
"Creating a Realtime Weather Model for Unreal Engine 4" (Master's Thesis)
- Researched scientific weather models, designed simplified version for game engines
- Created a prototype weather model using UE4 and C++
- Evaluated performance and commercial viability based on current industry trends

2015–2016    **VFX Artist, Technical Artist, Gameplay Designer**
*Scrapped* (Video Game, 15-person team, Greenlit on Steam, 2016 IUGS Runner-up)
- Created particle effects for gameplay features and placement in environments
- Created an original VFX module in Blueprint in order to bypass engine limitations
- Prototyped multiple gameplay mechanics including the primary player mechanic

2015    **VFX Artist, Level Designer, Gameplay Designer**
*Spectra* (Video Game Technical Demo, 8-person team)
- Created particle effects for gameplay features and placement in environments
- Created animated materials/shaders for environmental assets
- Designed the multiplayer level used in the final tech demo
- Prototyped and scripted 2 of the 3 weapons included in the demo

## Work Experience

2022–2025    **Consumer Electronics Field Agent,** Geek Squad (Best Buy Inc.)
- Fulfilled an active support role immediately, learning skills on the job
- Utilized active listening with clients to accurately meet needs and expectations
- Coordinated with a large team to plan schedules and provide assistance where needed

2019–2022    **Uber Driver,** Uber Inc.
- Balanced speed and safety when shuttling passengers
- Optimized my routes to best fit hourly demand and minimize downtime
- Maximized customer satisfaction by providing amenities