

## Paul Avallone

Addison, TX

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**SKILLS:** Programming Languages: C/C++, Blueprints, C#, Java, JavaScript, HTML, CSS  
Software: Unreal Engine 4/5, Unity, Visual Studio, Rider, Android Studio, Photoshop, Perforce, GitHub, Jira, Confluence, Movie Studio Platinum, Blender, Microsoft Office

**EXPERIENCE:** **ForwardXP**, Dallas, TX

*Software Engineer*

Aug 2021 – Jul 2023

- TBA mixed reality game - Unreal Engine 5
  - Programming and design
- Please Don't Touch Anything (Quest 2 update 2.2) - Unity
  - Improved player interactions and game visuals
  - UI improvements and added accessibility features
  - Extensive bug fixes
- Horizon Worlds: World Hop mini-games (Quest 2)
  - Rapid prototyping
  - Designed and programmed gameplay & designed game instruction diagrams
  - Extensive playtesting and iterating from internal and external feedback

**Netsmart**, Great River, NY

*Software Engineer*

Nov 2020 – Aug 2021

- Program and debug in a proprietary language called Caché to solve Jira tickets
- Create and edit forms in myAvatar electronic health record (EHR)

**BAE Systems Inc**, Greenlawn, NY

*Software Engineer Intern*

Summer 2019

- Programmed and developed an Android app for the Vuzix M300 Smart Glasses
- Created an in-depth User Manual on how to use the app and glasses
- Helped give demonstrations to upper management
- STEM outreach intern project

**Tech R3volution**, NYIT, Old Westbury, NY

*Technology Instructor*

Summer 2018

- Taught ages 7-14 in classes including AR/VR Game Design in Unity C# and Java
- Created new material to enhance class curriculum

**EDUCATION:** **Rochester Institute of Technology**      Graduated May 2020 - Magna Cum Laude  
Bachelor of Science in Game Design and Development  
Minor in Computer Science      GPA: 3.61/4.00

**PROJECTS:** Team Lead: Created a board game over the course of a semester where I oversaw a team of 4 other people.

Game Jams: I've done 5 each separately over 2-3 days collaborating with other people. I contributed to game design & art. Out of thousands of entries, two of them were ranked in the top 10% Overall and one of them got 17<sup>th</sup> in Humor. (Most recent 2023)