Zizhun Guo

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Education

08/2016 - present:	**Rochester Institute of Technology(RIT)**	Rochester, NY
	M.S. in Game Design and Development (Expected in May 2018)	U. S
	GPA: 3.50/4.00	

09/2012 - 06/2016:	**Chengdu University of Information Technology(CUIT)**	Chengdu, SC
	B.E. in Electronic and Information Engineering	China
	GPA: 3.14/4.00	

Skills

Programming Languages:	C (2 years), C#(half a year), JavaScript, Assembly, C++, XML
Software:	Visual Studio, Unity3D, MATLAB, Unreal 4, Premiere Pro, Altium Designer, Microsoft Office, Visio, Photoshop, OBS Studio
Languages:	Chinese (Native Proficiency), English (Professional Proficiency), Italian (Elementary Proficiency)

Project Experience

02/2017 - present:	*VR Martial Arts*
	System Programmer using .NET audio API captured PCM encoded data from audio source, and using Beat Detection Algorithm to processing data, then implement it into VR Martial Arts scripts. The algorithm can be used for hitting target spawning system that targets spawn following the tempos of BGM or environmental visual effects.

09/2015 - 06/2016:	*The Motion Design of Six-Degree Freedom Robot Arm*
	Graduate Design project using C language to program an embedded system to operate single chip processer STC89C51. Designing and welding the integrated circuit board. Algorithm developed to triggering robot arm to move by receiving the human voice from microphone head.

11/2015 - 12/2015:	*Catnap*
	Game Designer for gameplay designing and level designing using Unity3D to implement assets to create whole scene for the first time. A 2D side-scrolling platformer made in 3D format but demonstrated in 2D vision with Orthographic Camera.

Honors/Activities

03/2017	Student Expo at GDC 2017 in San Francisco
08/2016 - 05/2017:	Rochester Institute of Technology(RIT) Graduate Scholarship
01/2016 - 02/2016:	Travel to Paris France and Florence, Milan, Rome Italy
12/2014:	Third Class Scholarship of CUIT (awarded to less than 15% of CUIT students)
12/2013:	Second Class Scholarship of CUIT (awarded to less than 10% of CUIT students)
10/2013:	17th National English Debate Contest for College Students-Third Prize of West China Division