WENBO LAN
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EDUCATION:

09/15 – 05/17 Master of Science, New York University **GPA 3.8/4.0**

Major: Computer Science

- **Core Curriculum** – Programming Language, Operating System, Algorithm, Computer Vision, Computer Graphic
- **Award** – Graduate Scholarship

09/11 – 07/15 Bachelor of Engineering, Xi'an Jiaotong University **GPA 87.2/100**

Major: Information Engineering

- **Core Curriculum** – Advanced Mathematics, Data Structures, Linear Algebra, Complex Variable Method, Intergral Transformation, Probability and Statistics, Digital Signal Processing
- **Award** – Valedictorian, Dean Scholarship, Uniqlo Scholarship

02/14 – 06/14 Exchange Student, National Taiwan University **GPA 4.23/4.3**

- **Core Curriculum:** Digital Image Processing

SKILLS:

- **Technical** – C++, C#, Unity, PHP, Matlab, Html, CSS, OpenCV, Oculus Rift, Oculus Gear, HTC Vive, OptiTrack
- **Languages** – Fluent in English and Chinese

PROFESSIONAL EXPERIENCE

06/14 – 08/14 Intern Research Scientist, Intel Lab, Taiwan

Supervised By Prof. Yi-Ping Hung

10/15 – Present Graduate Researcher, Future Reality Lab, NYU, New York

Supervised By Prof. Ken Perlin

05/16 – Present Intern Software Engineer, Department of Physical Therapy, NYU, New York

06/16 –08/16 Unity Developer, Object Normal, New York

09/16 –11/16 Unity Developer, Genius Orbit, New York

RESEARCH EXPERIENCE:

10/15 – Present Graduate Researcher, Future Reality Lab, New York University, NY, US

- Front-End animation, interaction script writing collaborating with artists for VR projects
- Back-End system design and Unity SDK development for recoding system for Motive motion capture in Unity
- Currently working on real-time broadcasting using customized network framework for Unity

01/15 – 06/15 Project Leader, Final Thesis for B.Eng Degree, Xi'an, China

- Algorithm design for project *Facial Feature Point Detection and Matching Algorithm and Its Application*
- Algorithm implementation in C++ using OpenCV with Active Shape Model
- Collecting and analyzing data, writing of thesis

06/14 – 08/14 Intern Research Scientist, Intel Lab, Taiwan

- System implementation in C++ in Linux
- Collecting and analyzing data, data visualization using Matlab
- Design an improved RANSAC algorithm in ACG-Localizer to reduce the size of test data set

10/13 – 4/14 Project Leader, National Innovation Project, Xi'an, China

- Algorithm Design for project *Advertisement Detection Based on Shot Detection*
- Algorithm implementation in Matlab
- Collecting and analyzing data, writing of thesis

AWARDS:

07/2015 Outstanding Prize of Bachelor Final Thesis of Class 2015

- **Project** – *Facial Feature Point Detection and Matching Algorithm and Its Application*

05/2015 Outstanding Prize of National Innovation Contest

- **Project** – *Advertisement Detection Based on Shot Detection*

08/2013 –2nd Prize of National Undergraduate Electronic Design Contest

- **Project** – *High Frequency Auto Signal Amplifier*

LEADERSHIP EXPERIENCE

07/15 – 10/15 Event Planner, JoInterest, New York City, New York

07/15-08/15 The 2015 Global Youth Leadership Summit, Beijing, China

09/14 – 06/15 President of Student Union, Xi'an Jiaotong University, Xi'an, China

09/14 – 06/15 Committee, Xi'an Jiaotong University, Xi'an, China