WENBO LAN
Email: wl1412@nyu.edu 338 11th street, Brooklyn, NY , 11215 Cell: (347) 813-1133
LinkedIn: https://www.linkedin.com/in/leonardo-wenbo-lan-a2aa5986

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, OpenGL, Oculus, HTC Vive, Optitrack, Gear VR, Leap Motion
- **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 Intern Research Scientist, Media Research Lab, NYU, New York
Supervised By Prof. Ken Perlin

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

PROJECT EXPERIENCE:

10/15 – Present Unity Developer, Media Research Lab, New York University, NY, US
- Front-End animation script writing collaborating with artists for VR projects
- Back-End system design and development for recoding system for Motive motion capture in Unity
- Currently working on real-time broadcasting using framework Photon for Unity
- Unity Developer in project *Construction with 4D Virtual HyperCube, Interacting with 4D Virtual Objects, Dual, Dia De Los Holos*

05/16 – Present Software Engineer, Department of Physical Therapy, NYU, New York
- Working with Dr. Anat Lubetzky on a project to measure the the degree of imbalance of a patient using Virtual Reality, Unity development using Oculus Rift

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
- Events Planning for students in New York City

07/15-08/15 The 2015 Global Youth Leadership Summit, Beijing, China
- Member of Summit at Schwarzman Scholars at Tsinghua University

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