

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

RESEARCH 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
- 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**