

**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****09/16 – 11/16 Unity Developer, Genius Orbit, 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 – 2<sup>nd</sup> 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**