

## Education

- 07/2013–Present **Visiting Student**, *Institute of Advanced Integration Technology*, Cooperated by CHINESE ACADEMY OF SCIENCES and THE CHINESE UNIVERSITY OF HONG KONG.  
*Supervisor: Yu Qiao* [LINK](#)
- 09/2009–07/2013 **Bachelor of Science**, *Department of Mathematics*, ZHEJIANG UNIVERSITY.  
*Thesis Supervisor: Jianlan Wu* [LINK](#)

## Academic Standing

- Overall GPA **91.36/100, 190 credits** *Rank 1st out of 60 in Applied Mathematics*  
Major GPA **95.20/100, 77 credits** *Rank 1st out of 120 in the Department of Mathematics*

## Research Experience

- 07/2013–Present **Research Assistant**, *Multimedia Laboratory*, Institute of Advanced Integration Technology, CHINESE ACADEMY OF SCIENCES and THE CHINESE UNIVERSITY OF HONG KONG.  
◦ Implemented Vision Classification System with Product Quantization  
◦ Improve Subspace Decomposition in Product Quantization for Vision Classification and Image Retrieval task
- 05/2012–07/2013 **Research Assistant**, *Bio-X Lab*, Department of Physics, ZHEJIANG UNIVERSITY.  
◦ Improved and Implemented Super-resolution Optical Fluctuation Imaging (SOFI) algorithm for the use of Microscopic Image Resolution Enhancement  
◦ Probed the Effect of Urea Concentration on the Aggregation Behavior of Type II Diabetes related NFGAIL Peptides using Molecular Dynamics Simulation  
◦ Implemented Bayesian Optimization algorithm to Optimize Sampling Position in Molecular Dynamics Simulation

## Awards

- 2010-2012 National Student Scholarship (TOP 1% STUDENTS, HIGHEST STUDENT AWARD IN CHINA)  
2009-2012 Outstanding Students Scholarship (TOP 5% STUDENTS IN ZHEJIANG UNIVERSITY)  
2011 The Second Prize, College Physics Competition, ZHEJIANG UNIVERSITY  
2011 The Third Prize, College Student C Programming Competition, ZHEJIANG UNIVERSITY

## Languages

- Native **Mandarin/Cantonese**  
Fluent **English** *TOFEL 111/120, Speaking 23/30*  
Intermediate **Japanese** *JLPT N2, Reading 60/60*

## Publications

### COMPUTATIONAL BIOLOGY

- 2013 Effect of Urea Concentration on Aggregation of Amyloidogenic Hexapeptides (NFGAIL), Submitted to THE JOURNAL OF PHYSICAL CHEMISTRY, B PART
- 2012 Molecular Mechanism of the Early Stage of Amyloidogenic Hexapeptides (NFGAIL) Aggregation, **Accepted** by COMMUNICATIONS IN THEORETICAL PHYSICS (IF 0.954)