

# JIANWEI WANG

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**GPA:**3.80/4

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## Education

- **ZheJiang University, ChuKoChen Honor College** HangZhou, China  
*B.E. Computer Science* August, 2017 - Now
  - belong to MIX 1703 of the Chu KoChen Honor College and CS 1706 Of the College of Computer Science and Technology
  - GPA:3.79/4, Rank top **10%** of Chu KoChen Honor College
  - Chu KoChen Honor College selecte Elite student for special interdisciplinary studies and research training
  - **Good at Math:** Linear algebra(1) 90/100, Mathematical analysis(3) 93/100
  - **Good at Algorithm:** Design and analysis of algorithms 90/100, Introduction to data mining 97/100 ,Data structure 90/100
  - **Good at Programming:** Object-oriented programming 89/100, Intelligent terminal software development 92/100

## Research AttempS And Projects

- **Mathematical Optimization and Computer Vision** ZJU, AI Lab  
*Reseracher under Dr. Xi Li* August 2019 - Now
  - Mathematical Optimization, Adversarial Attacks.
  - LM algorithm and attention methods applied to adversarial attacks. By an adaptive methods to adjust  $\mu$ , LM can speed up the attack training.
  - Spatial-Transformer-Network in ReID: a research work that use stn to improve ReID performance.I use the stn to transform the input data and proccess the data so that the data are more diversity and the model is more robust.
  - PigNose: a web app combine face detection and web develop, draw a pignose on your face real time
- **Attention Deficit** ZJU, MultiMedia Lab  
*Reseracher under Dr. ChunLei Chai* May 2019 - Now
  - National College Students' innovation and entrepreneurship, Cooperating with BeiBei(a company in hangzhou which aims to help Disabled Children back to normal
  - Attention deficit rehabilitation system: A SRTP Project ready for commercial use. I was responsible for the algorithm part. Its algorithms includes face detection, headpose estimation an 3D reconstruction.

## Industry Experience

- **ByteDance Inc** BeiJing, China  
*ByteDance Camp* *August 2019*
  - a group of four unfamiliar people in the Engineering Track. An seven days' group work at ByteDance
  - Endless Love Words: A tiktok mini program of game combined with CV and NLP. I am responsible for the design of the entire project and the construction of the framework
- **Media Inc** HangZhou, China  
*Recruit Assistant* *November 2017 - March 2018*
  - Helping the manager recruit human. So I am good at communicating with other

## Campus Experience

- **ZheJiang University Teaching Assistant** ZheJiang University  
*course of Green Building(Professional course)* *August 2019*
  - help the professor Modify Homework and test paper, Answer questions of the students
- **University Clubs** ZheJiang Univeristy  
*Clubs participated* *August 2017 - Now*
  - Internet Association of ZJU: a club of ZJU, which aims to cultivate students' Internet-related technology
  - INA-tech: a Lab mainly composed of MS, PHD students, which aims to exchange research ideas
  - Student Union Secretariat Of ZJU CKC
  - Karate Association of ZJU
- **International exchange** HKUST  
*SENG Summer Camp for Elite Students* *July 2019*
  - a seven day visit to HKUST, exchange ideas with professors of HKUST and students from all over the world

## Awards

- American College Student Mathematical Contest In Modeling: Meritorious Winner, rank top 7% among about 25,000 teams.
- College Students Mathmatics Competition: Second Prize (rank about top 5%-10% among participated students)
- ZheJiang University Scholarship: Second Prize and Third Prize.

## Skills

- Programming: C, C++, Python, JavaScript, Java, Linux shell, Arduino
- Math and algorithmic competition
- Scientific computing package: Numpy, Pandas