

Yifei Miao

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EDUCATION

University of Wisconsin-Madison

Computer Sciences, Bachelor of Science

Madison, USA

January 2020 - Present

Ohio State University

Computer & Information Science, Bachelor of Science

Columbus, USA

August 2018 – December 2019

- GPA: 3.90/4.0
- Courses taken: Western Art 2 (A-), Calculus 1 (A), First-year English Composition (A), Programming Java (A), SW1: Components (A), Mech, Thermo, Waves (A), Calculus 2 (A), Introduction to Environmental Science (A)

Hangzhou No.2 High School

Grade 10 – Grade 12

Hangzhou, China

September 2015 – July 2018

- GPA: 90.1/100
- School Distinguished Student in Arts & Sports (January 2017)
- School Excellent League Branch Secretary (September 2016)

Hangzhou Jianlan Middle School

Grade 7 – Grade 9

Hangzhou, China

September 2012 – July 2015

- Grade 9 GPA: 95.7/100
- Second Prize in Group at the city level & Individual Second Prize at the district level (April 2015)

INTERN EXPERIENCE

Huaxin Consulting Co., Ltd.

Software Develop Engineer

Hangzhou, China

May 2019 – August 2019

- Self-studied HTML, CSS, Javascript and Vue, designed contents and layout of webpages
- Developed a website based on templates and embellished website interface
- Improved problem-solving skills and independent study ability

Zhejiang Bell Technology Co., Ltd.

Assistant for Unmanned Aerial Vehicle Control Engineer

Hangzhou, China

December 2018

- Assisted industrial UAV control by adjusting PID during the flight to achieve a sensitive and stable state
- Recorded UAV performance status of accelerometer, compass interference, motor speed, motor current, vibration, motor temperature and so on
- Took out troubleshooting for UAV, for example, compass calibration, communication frequency band adjustment and fix the problem of accelerometer excessive offset
- Learned the difference between general UAV and industrial UAV

RESEARCH EXPERIENCE

Natural Number Calculator Development

April 2019

- Studied Java Programming Language and designed algorithm for natural number calculator
- Implemented the algorithm and realized all required functions
- Tested sample calculation on the calculator and debugged on the system

Research Assistant for Zhejiang University of Finance & Economics

July 2017 – September 2017

- Researched in China stock market with Professor Zhi Yi
- Attended Financial Markets and Investment in Securities courses in the university together with the undergraduate students, and started investing in a-share stocks via applying newly learned knowledge and skills.

Harvard CTB Innovation Research Challenge

March 2017

- Formed the competition group of 9 people and decided the challenge topic of hospice care
- Searched on the books and internet to know the current status of hospice care in China
- Visited local hospital for senior citizen health care and investigated the environmental of hospice care
- Generated a report about hospice care with all the teammates
- Attended the final round competition at Beijing, China and won the third prize
- The investigation and presentation was reported by local TV channel

PHOTOGRAPHY ACTIVITIES

2018 Ohio State University International Photography Competition

October 2018

- Participated in the competition

2017 National Photography Competition for Guangxi Public Brand Products

November 2017 - May 2018

- Visited Guilin in Guangxi Province and experienced folk custom
- Took photos of Guangxi public brand products
- Won the third prize of competition

Photography Club in Hangzhou No.2 High School

September 2015 – July 2018

- Took the position of photography club president
- Responsible for organizing and arranging photography related activities and events
- Improved leadership ability and organization capacity

The 1st Youku DJI Aerial Video Contest

September 2015 – October 2015

- Produced a promotional video for Hangzhou No.2 High School with a title “No.2 High”, which got more than 70,000 views in one month on Youku
- Youku (Chinese Youtube) is a video service platform which provides video playback, publishing, search and sharing
- Won the Excellent Award

AWARDS

Third Place in Ye Shengtao Cup National Middle School Student Composition Contest	June 2017
Second Prize in 21st Century Newspaper English Speech Competition for Zhejiang Province	January 2017
Popularity Award at DJI SkyPixel Aerial Video Contest	December 2016
Frist Prize at 2016 Hangzhou Elementary and Middle School Students Arts Festival Photography Competition	November 2016
Team Title in Hangzhou No.2 High School Huilan Cup Badminton Tournament	November 2016
Team Title in Hangzhou No.2 High School Grade 10 Recitation Contest	October 2015

COMPUTER SKILLS

Programming Language: Java

IDE: Eclipse