

Zhiyi (Aaron) Zhang

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Education

University of Wisconsin-Madison | Madison, WI May 2020
Bachelor of Science: Computer Sciences

- GPA: 3.5/4.00
- Fall 2018 Dean's List

University of Vermont | Burlington, VT | Transfer May 2018
Major: Computer Science

- GPA: 3.7/4.00
- Fall 2017 Dean's List

Experience

University of Vermont | Burlington, VT April 2018 – July 2018
Research Assistant | Computer Science Department

- Participated in a government-funded AI research project
- Developed neural-network algorithm with graduate students
- Collected and corrected data processed by AI
- Designed and coded annotation tool for future government employees
- Wrote tutorial for the annotation tool and process data

University of Vermont | Burlington, VT January 2018 – May 2018
Teaching Assistant | Computer Science Department

- TA for both Java and Python classes
- Instructed a lab section of Python class
- Assisted instructor to design projects and exams

University of Vermont | Burlington, VT September 2017 – April 2018
IT Support Specialist | Rubenstein School

- Provided support on software and hardware
- Managed technical products inside the school
- Maintained internal management system

Chinese Academy of Science | Beijing, China June 2017 – August 2017
Application Developer (Intern) | Institute of Computing Technology

- Designed and programmed a content-based image search program
- Group Project Manager & Primary Developer
- Learned MATLAB for internship
- Developed program with popular digital image processing method (Harris, Hog, ORB etc.)
- Designed algorithm with several similarity search algorithms (Locality Sensitive Hashing etc.)
- Been familiar with basic Computer Vision relevant concepts (Hamming Distance etc.)

Skill & Interests

Technical: Java, Python, C++, C, Linux, Linear Programming, Microsoft Office, Photoshop

Non-technical: Self-Learning, Problem Solving, Communication, Collaboration, Adaptability/Flexibility

Language: Mandarin (native), English (fluent)

Academic/Career Interests: Computer Vision, Database, Machine Learning