

PERSONAL INFORMATION

Yuanbo Zhang

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EDUCATION

- Aug 2021 - Now    **Electrical and Computer Engineering, M.S. / University of Illinois Urbana-Champaign**  
• Expected to graduate in May 2023
- Sep 2018 - Jan 2021    **Computer Science, B.S. / University of Wisconsin-Madison**  
GPA: 3.88/ 4.0    Distinction in the major.
- Sep 2016 - Jul 2018    **Materials Science and Engineering / Beihang University, Beijing, China**

EXPERIENCE

- Aug 2021 - Now    **Teaching Assistant / University of Illinois Urbana-Champaign**  
• Teaching assistant of undergraduate level computing course
- Jul 2020 - Jan 2021    **Undergraduate Research Assistant / University of Wisconsin-Madison**  
• Advised by Prof. Vikas Singh and collaborates with Eric Bunch (Data Scientist at American Family Insurance).  
• Lead an independent research project related to graph-based deep neural network and its application in neural rendering.
- Summer 2019    **Research Assistant / National Center for Supercomputing Application, University of Illinois at Urbana-Champaign**  
• Co-advised by Prof. Andre Schleife, and Prof. Andrew Ferguson (Pritzker School of Molecular Engineering, University of Chicago).  
• NSF grant number: 1659702  
• Conducted a research that mainly focuses on optimizing and comparing the performance of different machine learning algorithms and designing a machine learning model that maximizes the performance of inverse materials design.
- Spring 2018    **Teaching Assistant / Beihang University**  
Introduction to Computer Programming and Computational Thinking, Spring 2018  
• Teaching assistant of Prof. Cuijiao Fu.  
• Assisted students in python programming labs. Solved questions students had during and after work time. Prepared and graded weekly assignments.  
• Had the honour to be one of the only three teaching assistants who took charge of making midterm and final exams.  
• Won award and scholarship for best teaching assistants.
- Summer 2017 and Summer 2018    **Remote Lab Assistant / Department of Pathology, University of Washington**  
• Remote lab assistant of Prof. Jing Zhang.  
• Duties include medical data pre-processing using MATLAB, medical statistical analysis using SPSS and R, and database maintenance.

## ACHIEVEMENTS

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- 2018 - 2020 Dean's List at University of Wisconsin-Madison.
- Jul 2019 Poster and oral presentation of research project at Illinois Summer Research Symposium.
- Jul 2019 Poster presentation at National Center for Supercomputing Application.
- Jul 2018 Award and scholarship for best teaching assistants of the school of computer science and engineering at Beihang University.
- 2016 - 2018 Scholarship for outstanding academic performance at Beihang University.
- 2016 - 2017 Group leader of activity department of student organizations association at Beihang University.