

JIEKE WANG

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EDUCATION

University of California San Diego

Fall 2019 - Present

Bachelor of Mathematics
Department of Mathematics

Nanjing Foreign Language School Xianlin Campus

Fall 2016 - June 2019

High school

RESEARCH INTERESTS

My research interests include: deep learning, machine learning, optimization theory, and natural language processing. Currently I have ideas in combining symbolic mathematics with deep learning, innovated by *Deep Learning with Symbolic mathematics* (arxiv)

RESEARCH EXPERIENCE

July 2018 - summer research in Universal Village Program in MIT CSAIL (No paper published): My work: computer vision, design new garbage bin that uses pattern matching to determine materials of wastes thrown.

SKILLS / PROGRAMMING LANGUAGES

I am currently most familiar with Java, Python (PyTorch), Mathematica.

I also have learned basics of: C, C++, SQL, Lua, Octave, HTML.

I use \LaTeX to take notes of reading paper or books, and upload them in my Github Notes repositories

ACHIEVEMENTS

Honorable Mention in High School Mathematical Contest in Modeling (HiMCM)

EXTRA-CURRICULAR

Study Deep Learning online course offered by Stanford University: CS224N Natural Language Processing with Deep Learning, 231N Convolutional Neural Networks for Visual Recognition

RELATED COURSES TAKEN

MATH180A - Introduction to Probability, MATH109 - Introduction to Mathematical Proof

MATH20D - Introduction to Differential Equation, MATH 20C - Calculus and Analytic Geometry

MATH31AH - Honor Linear Algebra, CSE8A/B - Java Programming

PERSONAL TRAITS

Devoted in research in Mathematics, Deep learning

Passionate to study anything from research experience

Ability to work as an individual as well as in group