



YINHAN HE

4th year undergraduate

19 Yuquan Road (a), Shijingshan District,
Beijing
Beijing, Beijing
heyinhan18@gmail.com
19801218007

I am a student aiming to explore in machine learning and artificial intelligence, especially data mining. With a four-year applied mathematics undergraduate program which equips me solid background in mathematics and fluency in programming, I could dig deep into machine learning models to find out some math principles buried under the surface and figure out new models that perform better. Besides, I am also friendly and helpful, always ready to be a good partner in cooperation.

Professional Experience

July 2021 - Present

Research Intern Institute of Automation(CAS)

I mainly focus on studying oversmoothing problem of relation-aware graph convolutional neural network, including its theoretical cause, measurement and rational&powerful solutions toward this issue.

January 2021 - June 2021

Visit Student National University of Singapore

I was funded by home university to have a one semester exchange program, I took some stat&CS modules, and also took a thai language module. This experience equips me with fluent programming skills, deeper view in data analysing and art of cooperating with people from different culture background.

Education

September 2018 - Present

B.S. in mathematics and applied mathematics University of Chinese Academy of Sciences at Beijing, P.R.China

Key Skills

- Programming methodology: C, C++, python(most frequently used)
- Mathematics(Calculus, Algebra, Probability, Stochastic Process, Functional Analysis, etc)
- Artificial Intelligence/ Machine learning Basics
- Comfortable with Pytorch frameworks
- Fluent in both English and Chinese (Listening, Speaking, Reading & Writing)

Accomplishments

- University Scholarship (twice)
- Outstanding student & Outstanding student leader (twice)
- Student representative of 1st Student Congress
- Student department secretary, college of mathematical sciences(cis 2018)
- Served as Minister of the Organization Department of Student Union