Junhua Liu

Homepage | Linkedin | Jeshualiu@gmail.com | Github| Blog

EDUCATION

UNDERGRADUATE | CUHKSZ
Bachelor in big data and data technology, Sep. 2020 - Now

RESEARCH INTERESTS

I study topics that interest me, but not very deeply. My research interests include:
Machine Learning and Deep learning • Data analysis • Data-driven
operation research • optimization

DEVELOPMENT

The things I've learned now include:

- Linear algebra(learn during mathematical modeling)
- Basic optimization(linear programming, integer programming, nonlinear programming, dynamic programming, network and flow, regression....)(learn during mathematical modeling by related courses)
- Programming: C/C++, python(Snake game 95/100 in CSC1002
  basic modules like pandas matplotlib numpy)
  jupyter, basic linux, command-line environment, git/github
- Technical softwares: MATLAB(based on course by Yanfu Guo,NTU), SPSS
- Data structure (based on course by Junhui Deng and book by Jie Cheng, planning to take CS61B from Berkeley in the future)
- Machine learning: course by Andrew NG on coursera [certificate] (eight assignments based on MATLAB), part of CS229 by Andrew NG and part of deeplearning.ai Specialization [certificate]. I have made a plan for the future study.
- Computer architect:The first three chapters in CSAPP and its corresponding courses by CMU.

SKILLS

- Scholar skills: Basic ability of writing english and reading english literature, command of latex and markdown.
- Analytical Skills: basic data analysis and data mining from MOOC, command of data analysis software(Mpai)
- Social skills: Researchgate, Linkedin, Zhihu, Github.
- Communication skills: A range speech in term 1 year 1 (86/100), second highest in the class.
- Visualization: excel diagrams, matlab, python.
- Other skills: information management, information search, time management, emotion management....

AWARD

- Semi-tuition-free admission scholarship.
- Bowen Scholarship.