Andrew Guan

Beijing, China
+86-17861401509 2021140893@bupt.edu.cn AllenWrong

EDUCATION

Shandong Normal University **09 2017 – 07 2021**
*Bachelor - **CGPA - 3.67*** *Jinan, China*

Beijing University of Posts and Telecommunications **09 2021 – now**
Studying deep learning and multimodal machine learning *Beijing, China*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- Artificial Intelligence
- Machine Learning
- Deep Learning
- Calculus
- Linear Algebra
- Probability and Statistics

PROJECTS

Nand to Tetris | Basic computer science concept **02 2020**

- Using HDL language, start with nand gate and realize simple combination logic and sequential logic such as 'and' gate, 'or' gate, 'XOR' gate, multiplexer, demultiplexer, register.
- Using the basic unit to construct the PC, ALU, register, CPU, RAM and main memory. Define and implement a simple Instruction set. Then all of them are integrated into a normal working computer which is called hack.
- Relying on the lexical analysis, syntax analysis, code generation and other technologies of the compilation principle, the assembly compiler, stack virtual machine and Jack high-level language compiler are implemented in Java language. Using this complie tool, a high-level language jack can be translated into machine language and then run on the computer hack.
- Using virtual machine language to implement a simple operation system. This os can provide some basic service that a modern computer has.

Deep Incomplete Multi-Modal Clustering System | Deep Learning **07 2021**

- Using paddlepaddle to reproduce the CDIMC-net which is a model used to do incomplete multi-view clustering. Two main parts are autoencoders and self-paced clustering module.
- Using stream-lit which is a brilliant diplay platform to visualize the trend of some index and the scatter of the cluter result.

TECHNICAL SKILLS

Languages: Python, Java, C, SQL

Developer Tools: VS Code, Pycharm, Jupyter Notebook, Intellij Idea Ultimate

Frameworks: Numpy, Pandas, Matplotlib, Pytorch, Scikit-learn, Tensorflow

Technologies: Linux, GitHub, Git,

CERTIFICATIONS

- Deep Learning - Coursera