LI XIAOYANG

(+852)66815340 ⋄ xyli45-c@my.cityu.edu.hk

1 Mei Tin Road ⋄ Sha Tin, Hong Kong

github: AharenDaisuki ⋄ Homepage: aharendaisuki.github.io

EDUCATION

City University of Hong Kong *August 2020 - June 2024*
Bachelor of Science, GPA: 3.58 out of 4.30
Computer Science, Major; Mathematics, Minor

SKILLS

Programming Languages	Excellent programming skills in Python, C++; Proficient in JAVA
Python Packages	Pandas, Matplotlib, Numpy, Scipy, OpenCV, Scikit-learn
Software & Tools	Latex, Git

EXPERIENCE

Theory Lab of Huawei, HKSTP June 2022 - March 2023
Research Intern

· Developed IO and presolve modules for linear programming solver,
  supervised by senior researcher, Dr. ZHANG Fan, Michael.
· Optimized and debugged existing implementations of video image deblurring algorithm.
· Power grid scheduling problem.
· Participated in project meetings to report progress and follow-up actions.

RECSEM 2023, University of Tennessee, Knoxville May 2023 - July 2023
Research Intern

· Developed the implementation of multi-head attention algorithm in MagmaDNN framework.
· Excellent problem solving, algorithm design and analysis skills.
· Delivered oral and poster presentations.

PROJECT

Deep learning model for camouflaged object detection May 2023 - April 2024
Supervised by prof. Rynson LAU

· 1 year research experience in supervised learning; Comprehensive literature review.
· Python implementation for research findings; Familiar with Pytorch framework.
· Experienced in data process, analysis and augmentation (NumPy, Pandas);
  Handling large complex datasets (>22k images), i.e., MoCA.

ACHIEVEMENTS

Bronze Medal in the 46th ICPC Asia Regional Contest, Jinan site 2021	*Fall 2021*
Dean's List in the semester A of 2021/22 academic year	*Spring 2022*
HKSAR Reach Out Activity Award	*Fall 2023*
Dean's List in the semester B of 2022/23 academic year	*Fall 2023*