

Yubo Huang

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Education

Laurentian University

Master of Science in Computational Sciences

- GPA 9.30/10
- Courses: Machine Learning/Deep Learning, Image Proc & Comp Vision, etc.

Sep 2023 – Jan 2025
Sudbury, Ontario, Canada

Beijing University of Posts and Telecommunications

Master of Engineering in Materials Science and Engineering

- Advisors: Zhaofeng He, Peipei Li, and Liuyu Xiang.
- GPA 3.79/4
- Computer Science Courses: Java Programming, Advanced Operating Systems, Natural Language Processing and Applications, Data Mining Experiment, and AI Computing Systems

Sep 2020 – Jun 2023
Beijing, China

Beijing University of Posts and Telecommunications

Bachelor of Science in Applied Physics

- GPA 76.86/100, Rank 43/55
- Computer Science Courses: The C Programming Language, Data Structures, Computational Physics and Practice, and Scientific Computing and Fortran

Sep 2016 – Jun 2020
Beijing, China

Publications

- **Yubo Huang**, Jia Wang, Peipei Li, Liuyu Xiang, Peigang Li, and Zhaofeng He. Generative Iris Prior Embedded Transformer for Iris Restoration. In 2023 IEEE International Conference on Multimedia and Expo (ICME), Brisbane, Australia, 2023 (**Oral**).
- Jia Wang, Liuyu Xiang, **Yubo Huang**, Peipei Li, Yufeng Xia, Qing Tian, and Zhaofeng He. Prior-guided Blind Iris Image Restoration Algorithm. Computer Science, 2023, 50(12): 148-155. (in Chinese)

Experience

ColAI

Research intern, advised by Dr. Enmao Diao

- Multimodality Machine learning. Implementing tokenization methods and data compression methods.

Nov 2023 – Present

Beijing University of Posts and Telecommunications

Teaching Assistant

- Instructed students in probability theory and mathematical statistics.

Sep 2020 – Aug 2021
Beijing, China

New Studios Media Group, Inc.

Test Intern

- Tested and documented software defects.

Jan 2021 – Mar 2021
Beijing, China

Student Work

Beijing University of Posts and Telecommunications

Captain of School of Science and School of Cyberspace Security Basketball Team

Sep 2018 – Dec 2018
Beijing, China

Beijing University of Posts and Telecommunications

Member of The Folk Orchestra, High-level Art Troupe

Sep 2018 – Apr 2019
Beijing, China

Beijing University of Posts and Telecommunications

Deputy Minister of Art, Student Union, School of Science

Sep 2017 – Jun 2018
Beijing, China

Skills

Programming Languages: Python, Java

Tech Skills: Image Restoration, Neural Data Compression, Deep Learning Engineering

English Language Proficiency: Professional working proficiency (CELP 9)