Yubo Huang

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Education

Laurentian University   Sep 2023 – Dec 2024
Master of Science in Computational Sciences   Sudbury, Ontario, Canada
- GPA 9.30/10
- Courses: Machine Learning/Deep Learning, Image Proc & Comp Vision, etc.

Beijing University of Posts and Telecommunications   Sep 2020 – Jun 2023
Master of Engineering in Materials Science and Engineering   Beijing, China
- Advisors: Zhaofeng He, Peipei Li, and Liuyu Xiang.
- GPA 3.79/4, Academic Scholarship 2022, 2021, and 2020
- Computer Science Courses: Java Programming, Advanced Operating Systems, Natural Language Processing and Applications, Data Mining Experiment, and AI Computing Systems

Beijing University of Posts and Telecommunications   Sep 2016 – Jun 2020
Bachelor of Science in Applied Physics   Beijing, China
- 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

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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

Beijing University of Posts and Telecommunications   Sep 2020 – Aug 2021
Teaching Assistant   Beijing, China
- Instructed students in probability theory and mathematical statistics.

New Studios Media Group, Inc.   Jan 2021 – Mar 2021
Test Intern   Beijing, China
- Tested and documented software defects.

Student Work

Beijing University of Posts and Telecommunications   Sep 2018 – Dec 2018
Captain of School of Science and School of Cyberspace Security Basketball Team   Beijing, China

Beijing University of Posts and Telecommunications   Sep 2018 – Apr 2019
Member of The Folk Orchestra, High-level Art Troupe   Beijing, China

Beijing University of Posts and Telecommunications   Sep 2017 – Jun 2018
Deputy Minister of Art, Student Union, School of Science   Beijing, China

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Skills

Programming Languages: Python, Java, C, Fortran
Tech Skills: Image Restoration, Image generation, Deep Learning Engineering
English Language Proficiency: Professional working proficiency