

Si Hang

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EDUCATION

Wuhan University

01/09/2019-30/06/2023

Major: Physics

GPA: 3.17/4.0

Core Courses: Introduction to Civil Engineering, Engineering Drawing, Advanced Mathematics, General Physics, Linear Algebra, Methods of Mathematical Physics, Theoretical Mechanics, Atomic Physics, Electrodynamics, Ordinary Differential Equations, General Physical Experiments, Theoretical Mechanics, Quantum Mechanics, Solid State Physics, Material Preparation Technology, Particle Physics, Radiation Physics and Protection, AstroPhysics, Thermodynamics and Statistical Physics, Frontiers of Physics, Biomaterials Science

COURSE CERTIFICATE

Supervised Machine Learning: Regression and Classification, authorized by DeepLearning.AI and Standord University

Advanced Learning Algorithms, authorized by DeepLearning.AI and Standord University

Programming for Everybody (Getting Started with Python), authorized by University of Michigan

Neural Networks and Deep Learning, authorized by DeepLearning.AI

RESEARCH PROJECT

Research Assitance – Hong Quan, Department of Medical Physics, School of Physics and Technology, Wuhan University

24/11/2022-07/08/2023

Machine Learning and Data Science - Development of Applications Online Research Seminar, Hosted by Prof. Mark, MIT

07/10/2022-06/11/2022

PUBLICATIONS

Pang B, Si H, Liu M, et al. 2023, **Comparison and evaluation of different deep learning models of synthetic CT generation from CBCT for nasopharynx cancer adaptive proton therapy**. Medical Physics, 06 October 2023, <https://doi.org/10.1002/mp.16777>

ENGLISH LEVEL

TOEFL 97 (R:27 L:27 S:21 W:22)