JUNCHEN DENG

PERSONAL DATA

Email	junchendeng@gmail.com
Homepage	https://slongle.github.io

EDUCATION

SEPT. 2017 - 2021 (Expected)	Bachelor of Science in Computer Science Harbin Institute of Technology Focus: Computational Science

SCHOLARSHIPS AND AWARDS

International Collegiate Programming Contest (ICPC) Regional Contest	Silver Medal
China Collegiate Programming Contest (CCPC) Regional Contest	Gold Medal
Collegiate Computer Systems & Programming Contest	Gold Medal
China Northeast Collegiate Programming Contest	1st Place
The People's Scholarship in China	1st Class

PERSONAL PROJECTS

Rainbow Renderer	Physically based offline renderer for research. Support path tracing and primary sample space metropolis light transport. Implement homogeneous and heterogeneous volume. https://slongle.github.io/projects/rainbow
GPU Renderer	CUDA optimized physically based offline renderer. Implement wavefront architecture. https://slongle.github.io/projects/GPU_Renderer
Jigsaw Puzzle Solver	A genetic algorithm-based jigsaw puzzle solver. https://slongle.github.io/projects/Jigsaw-Puzzle-Solver

TEACHING

Introduction to Algorithm Competition	Undergraduate TA
Advanced C Language and Programming	Undergraduate TA

COMPUTER SKILLS

Program Languages	C/C++, CUDA, Python, JavaScript
Tools	CMake, git, LaTeX
Operating Systems	Linux, Windows