

CHENXI HUANG

✉ chenxi_huang@outlook.com · ✉ huan2677@umn.edu · ☎ (818)-968-6468
🌐 kaloronahuang · in Chenxi Huang · <https://kalorona.com> · Updated on February 17, 2023

EDUCATION

University of Minnesota Twin Cities 2023/01 – Present

- Candidate for B.A. in Computer Science GPA: N/A

Nanchang University 2021/09 – 2022/12

- Candidate for B.E. in Computer Science GPA: 3.54/4.0
- A member of Generic Operational and Optimal Data(GOOD) Group, supervised by Professor Zichen Xu

The High School Affiliated to Jiangxi Normal University 2015/09 – 2021/06

- Former contestant in Olympiad in Informatics

RESEARCH INTEREST

- System Optimization, Operating System Kernels and Compilers
- Cryptography
- Generative Adversarial Nets, Deep Learning and Machine Learning
- Virtual Reality and Augmented Reality

EXPERIENCES

Project - Warehouse Management System 2022/08

Temporarily hired at a local supply chain company

Created a platform for employees to CRUD commodity information and ensure warehouse information organized in the database. Used WeChat Instant App SDK for frontend, FastAPI and MySQL for backend.

Project - CityView Virtual Reality Demo 2016/11

Leader of the technology interest group at my junior high school

Using Unity3D, modelled a city landscape using 3D modelling software, optimized the demo using basic CG tricks(normal texture, level-of-detail, optimizing meshes into low-poly meshes) and programmed the logic of the demo with SteamVR SDK.

HONOURS

ACM SIGBED SRC - Third Place Among Undergraduate Teams 2022/10

Sophomore Nanchang University GOOD Lab

- Responsible for writing and revising poster in the team

The 46th ICPC Asia Kunming Regional Contest - Silver Medal 2022/04

Freshman Nanchang University ACM-ICPC group

2021 China Collegiate Programming Contest, Weihai Site - Silver Medal 2021/11

Freshman Nanchang University ACM-ICPC group

- First CCPC silver medal in the history of Nanchang University

CCF National Olympiad in Informatics 2020 - Bronze Medal	2020/08
<i>Sophomore The High School Affiliated to Jiangxi Normal University</i>	
<ul style="list-style-type: none"> • Representing Jiangxi Province in the annual national competitive programming contest 	
The 14th Asia and Pacific Informatics Olympiad - Gold Medal	2020/08
<i>Sophomore The High School Affiliated to Jiangxi Normal University</i>	
<ul style="list-style-type: none"> • First place and only gold medal in Jiangxi province 	
CCF National Olympiad in Informatics Winter Camp 2020 - Bronze Medal	2020/02
<i>Sophomore The High School Affiliated to Jiangxi Normal University</i>	
The 2019 ICPC Asia Nanchang Regional Contest - Silver Medal	2019/11
<i>Sophomore The High School Affiliated to Jiangxi Normal University</i>	
<ul style="list-style-type: none"> • First place and only silver medal in Jiangxi province 	

SKILLS

- Proficient in coding and debugging C/C++, Python
- Capable of designing complicated and efficient algorithms and data structures using graph theory, dynamic programming, etc
- Capable of using Linux and other system-level tools to solve real world problems. Knowledge of maintaining backend servers(e.g. nginx) and network configuration
- Capable of implementing classic machine learning theory on cases in reality, proficient with Python; Knowledge of CNN, Transformer, and other deep learning theories, fluent in using PyTorch and other machine learning frameworks to implement AI application
- Proficient in writing .NET C#, fluent in using Unity 3D to implement 3D projects, knowledge of basic computer graphics