

# Yuantian Ding

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## EDUCATION

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**University of Science and Technology of China**

**2018 – present**

*Undergraduate, School of Gifted Young*

**Major:** Computer Science    **GPA:** 92.14/100 (Rank 6/251 in CS major)

## RESEARCH INTEREST

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I am a 4th-year undergraduate from University of Science and Technology of China. My research interests include programming language and its runtime design.

I'm currently working for Harry Xu and Zhiqiang Zuo at Nanjing U as a research intern.

## RECENT PROJECTS

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**Leverage JIT Code and Profile Sharing for serverless application**    **Currently Working**

Supervised by [Harry Xu](#) and [Zhiqiang Zuo](#)

Modern serverless platform profiles and compiles JIT code in multiple nodes. In this work, we are trying to share runtime profiles and JIT-compiled code in different nodes to accelerate serverless function execution. ([more info](#))

**Processing Order Scheduling in Disk-based Graph Processing**    **October 2020 – April 2021**

Supervised by [Yongkun Li](#)

This is a traditional work in graph processing system. We leverage tasks-reordering to reduce IO overhead in disk-based graph processing system. ([more info](#))

## ACHIEVEMENTS

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**Outstanding Student Scholarship (Grade 2)**

**September 2021**

Univ. of Sci. and Tech. of China

**ASC Student Supercomputer Challenge (First Prize)**

**May 2021**

Asia Supercomputer Community, Shenzhen

**Outstanding Student Scholarship (Grade 1)**

**September 2020**

Univ. of Sci. and Tech. of China

**International Parallel Computing Challenge (Third Prize)**

**October 2020**

ACM-China, Beijing

**Outstanding Student Scholarship (Grade 1)**

**September 2019**

Univ. of Sci. and Tech. of China

**Outstanding Freshman Scholarship (Grade 2)**

**September 2018**

Univ. of Sci. and Tech. of China

## SKILLS

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**Programming:** C++, Rust, Python, Java (ranked by proficiency)

**Core Courses & Grades:** Operating System (95), Principles of Compiler (95), Algorithm (96) ....