

Academic Program for Master Degree Candidates in Computer Science and Technology

Program overview

The School of Computer Science and Technology at Shandong University is an internationally established center for Computer Science research. It provides two master degree programs: Master of Science (MS) and Master of Engineering (ME) in Computer Science. Each year, approximately 40-50 new students join the MS programs, respectively, and the number of ME students enrolled annually is circa 70. Over 80% of admitted students graduated from colleges and universities sponsored by the prestigious Chinese Government 985 Project.

The school offers students an ideal environment for pursuing successful, interdisciplinary, research-driven studies. Teaching modules covering core areas of Computer Science enhance the students' mathematical and technical understanding of the subject and improve their ability of theoretical reasoning and practical implementation. Master's students are offered a broad range of opportunities to participate in academic conferences and international exchange programs. The school has hosted 10 international academic conferences in the past five years, and in average, each student participates in domestic or international conferences 2-3 times a year.

According to the statistics of the past five years, master graduates are mainly employed by well-known international IT enterprises, such as Microsoft, Google, Inspur, Baidu, Huawei, Alibaba, Tencent and so on. In recent years, the percentage of graduates, who later study abroad for a doctoral degree has basically remained at about 6%.

Areas of specialization include:

1. Algorithm and Complexity
2. Computer graphics and digital geometry processing
3. Cyberspace security and blockchain
4. Big Data Analysis and Natural Language Processing
5. Bioinformatics
6. Data mining and data analysis

7. Distributed Computing
8. Intelligent graphic / image processing
9. Multimedia computing
10. System structure and embedded applications
11. Three-dimensional vision

When and how to apply

Applicants can apply starting from December 18th, 2020 till May 31st, 2021. For more information on the documents needed and the application procedure please visit: <http://www.istudy.sdu.edu.cn>.

Application for financial support

There are possibilities for getting a scholarship either by the China Scholarship Council (CSC), the local government or through Shandong University. For more information on CSC scholarships please visit: <http://www.campuschina.org/>. For more information on local government or university scholarships please visit: <http://www.istudy.sdu.edu.cn>.

Contact information (for questions regarding the program or school)

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