Xinru Wang - Study Plan

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# Program Information:

Northwestern University

Master of Science in Computer Science (MS)

Program introduction on website: “The Department of Computer Science is a supportive, inclusive, and enthusiastic community for world-class research and scholarly advancement. Graduate students in the master’s degree program personalize their academic path to fit their research interests and career aspirations.”

Study Time: 18 SEPTEMBER 2024 - 06 DECEMBER 2025

# Learning Content (Course based program, no thesis requirement):

At least six COMP\_SCI courses, such as 212-0 Math Foundations of CS, 307-0 Introduction to Cryptography, 310-0 Scalable Software Architectures, 315-0 Design, Technology, and Research, 330-0 Human Computer Interaction, 376-0 Computer Game Design and Development, etc.

At most six courses outside COMP\_SCI, such as 401-5 Professional Communication Practices in Project Management, 225-0 Principles of Entrepreneurship, 331-0 Entrepreneurial Sales and Marketing, 490-0 Product Management, 208-0 Design Thinking and Doing, 308-0 Human-Centered Product Design, etc.

# Personal Background Information:

Grew up in Hangzhou, China, the only child, graduated from Chongqing University, bachelor’s degree in software engineering.

# Why MSCS program:

The decision to pursue this program is driven by a desire to deepen my insights into cutting-edge technology trends, thus enhancing my prospects for future employment back home. Despite already working at a top company, I recognize the importance of staying abreast of the latest advancements in the rapidly evolving field of computer science. This program offers a comprehensive curriculum that covers both the depth and breadth of the industry, which is essential for my professional growth.

# After Graduation:

After I accomplish my master’s degree in the United States, I will return to China and seek a software developer job with better prospects and higher pay.