**欢迎申请史蒂文斯理工学院（Stevens Institute of Technology），本文件是您申请史蒂文斯理工学院的重要材料之一。详细回答问题对于院校更全面地了解您的背景至关重要。这不仅是一份简单的申请文件，更是您成功录取的关键。**

**Personal Questions**

Answer the following questions respectively.

请分别回答下列问题

## Q1:

Please explain your motivation for pursuing a master’s degree at this time. Be sure to reference your personal and professional aspirations, including both short-term and long-term career objectives. (150 words required)

- 目前追求硕士学位的动机。你的个人和职业抱负，包括短期和长期的职业目标。（250-300汉字）

**追求硕士学位的原因**：

攻读硕士学位对我而言，是个人成长与职业发展的双重驱动。

1. **深化专业知识**： 我希望系统学习计算机深层知识，弥补本科阶段在数据结构与算法等基础领域的不足，构建更扎实全面的知识体系，提升解决复杂问题的能力。
2. 提升职场竞争力，拥抱AI浪潮： 当前大型科技公司偏好高学历人才，硕士学位将显著提升我的职场竞争力。更关键的是，AI浪潮汹涌，我需要抓住机遇，系统更新并掌握AI技术栈，以应对未来职场对AI人才的迫切需求。

**我的短期目标**：

我的短期目标聚焦于知识积累与机会拓展：

1. **扎实专业基础**： 努力学好所有专业课程，特别是弥补我在数据结构与算法上的不足。
2. **系统掌握AI技能**： 全面学习AI相关课程，为未来转型AI相关工作和深入探索前沿知识做好准备。
3. **拓展优质机会**： 顺利获得硕士学位，争取更多高起点、高质量的职业发展机会。

**我的长期目标**：

展望未来，我的长期目标在于成为AI领域的专家并实现个人价值：

1. **拓展人脉，奠定创业基础**： 结识志同道合的学习伙伴，拓展人脉，为未来可能的创业奠定基础。
2. **成为AI应用解决方案专家**： 结合研究生阶段的AI知识与我多年积累的Java应用开发经验，我致力于成为一名能够设计、开发并实施AI应用解决方案的专家，在AI+工程领域发挥重要作用。

**My Motivation for Pursuing a Master's Degree**

Pursuing a master's degree is driven by a dual desire for personal growth and professional development.

To Deepen My Professional Knowledge: I aim to systematically study advanced computer science concepts to address gaps in my undergraduate education, particularly in foundational areas like data structures and algorithms. This will allow me to build a more comprehensive knowledge base and enhance my ability to solve complex problems.

To Enhance My Career Competitiveness and Embrace the AI Wave: Leading tech companies increasingly favor candidates with advanced degrees, and a master's will significantly boost my career prospects. More importantly, with the rapid rise of AI, I need to seize this opportunity to systematically update and master the AI technology stack. This is crucial for meeting the future demand for AI professionals in the workplace.

**My Short-Term Goals**

My short-term goals are focused on knowledge acquisition and career opportunities.

To Solidify My Professional Foundation: I will work diligently to excel in all my courses, with a particular focus on strengthening my skills in data structures and algorithms.

To Systematically Master AI Skills: I plan to take all relevant AI courses to prepare for a career transition into an AI-related field and to lay the groundwork for exploring cutting-edge research.

To Expand High-Quality Opportunities: I aim to successfully complete my master's degree and secure more high-quality career opportunities with strong starting points.

**My Long-Term Goals**

Looking ahead, my long-term goals are to become an expert in the field of AI and to achieve my personal value.

To Build My Network and Lay a Foundation for Entrepreneurship: I hope to meet like-minded peers and build a strong network, which could potentially serve as a foundation for a future startup.

To Become an AI Application Solutions Expert: By combining the AI knowledge gained during my master's program with my years of experience in Java application development, I am committed to becoming an expert who can design, develop, and implement AI application solutions, playing a significant role in the AI + Engineering field.

## Q2:

Please explain why you are interested in this particular master’s degree program. Be sure to reference relevant details about the program and how the coursework will benefit you. (150 words required)

- 对该硕士学位项目感兴趣的原因。有关该项目的相关细节以及课程将如何使你受益。（250-300汉字）

我对该硕士学位项目充满兴趣，主要源于其与我个人背景和职业规划的高度契合。作为一名拥有**计算机科学与技术本科学位**和多年**高级Java工程师**经验的我，该项目的课程设计与我的专业背景及当前工作完美契合。

其核心计算机课程，如**算法**与**系统编程**，将有效深化我的计算机科学基础，弥补过往知识短板，使我的能力更加系统化和专业化。更重要的是，项目涵盖的**机器学习、人工智能、深度学习、自然语言处理**等前沿AI课程，将为我未来转型**AI应用开发**提供坚实的理论与实践支撑，助我抓住AI浪潮机遇，更新技术栈。

尤其令我赞赏的是，项目细致地提供了**机器学习的数学基础课程**。这对于深入理解并掌握复杂的AI技术至关重要，将为我未来持续探索前沿领域奠定坚实基础，从而显著提升我的职场竞争力。

## Q3:

Please explain why you chose to apply to Stevens Institute of Technology over other institutions. Be sure to reference what appeals to you about Stevens compared to other institutions. (150 words required)

- 选择申请史蒂文斯理工学院而不是其他院校的原因。相对于其他院校，史蒂文斯有什么吸引你的地方。（250-300汉字）

我选择史蒂文斯理工学院，是因为它在众多院校中独具优势，与我的职业发展愿景高度契合。

首先，史蒂文斯作为**美国顶尖的理工学院之一**，以其卓越的**STEM专业实力**和**全美领先的计算机科学专业排名**而闻名，这确保了我将置身于一个高质量的学术环境中。

其次，学院**无与伦比的就业前景**是吸引我的关键因素。史蒂文斯毕业生主要进入Amazon、IBM、Meta、Google等国际顶尖科技公司，这与我追求优质职场机会的目标高度一致。

再者，该项目的**课程设置与我的职业发展路径完美对口**。我尤其看重其涵盖的机器学习、人工智能、深度学习、自然语言处理等前沿AI课程，以及为AI学习打下坚实基础的**数学课程**。

最后，**两年制的学制**提供了充足的学习时间，让我能深入系统地掌握知识，而非追求短期速成，这对于我未来转型AI领域至关重要。