

Research Assistant Position

Job Title: Research Assistant in Confidential Computing & Trustworthy AI Infrastructure

Job Type: Research Assistant

Research Area: Confidential Computing / Trustworthy AI Infrastructure

Supervisors: Prof. Dijiang Huang (Dijiang.Huang@xjtlu.edu.cn) / Dr. Yuji Dong (yuji.dong02@xjtlu.edu.cn)

Suitable for: PhD students with relevant research experience and technical skills.

Application Deadline: 30 June 2026

Position Overview:

The School of Internet of Things (IoT) at Xi'an Jiaotong-Liverpool University (XJTLU) invites applications for a Research Assistant position in the area of Confidential Computing and Trustworthy AI Infrastructure.

The successful candidate will join an active research team working on cutting-edge topics including confidential computing, trusted execution environments, AI infrastructure security, privacy-preserving computing, cloud-edge computing, and secure system architecture.

The Research Assistant will work closely with the supervisors on funded research projects, contributing to system development, experimental evaluation, scientific publications, and collaborative research activities.

Responsibilities:

The Research Assistant is expected to:

- Participate in research project implementation
- Design and develop research prototypes and experimental platforms
- Conduct literature reviews and technical investigations
- Assist in preparing journal papers, conference papers and research proposals

- Participate in regular research meetings and academic collaborations

Requirements:

Applicants should ideally possess:

- Current PhD student status
- Strong research capability and academic writing skills
- Background in Computer Science, Cyber Security, Artificial Intelligence, Electronic Engineering or related disciplines
- Experience in one or more of the following areas:
 - Confidential Computing
 - Trusted Execution Environments (TEE)
 - AI Systems
 - Cloud Computing
 - Distributed Systems
 - Operating Systems
 - Cyber Security
- Programming experience in Python, C++, or Rust is desirable
- Experience with Linux-based development environments is preferred

How to Apply:

Please send the following documents to the supervisor's email:

- CV covering education, relevant coursework, and project experience.
- A brief personal statement (a few hundred words is fine), including:
 - Which aspect of this project interests you most?
 - Any past experience related to systems, security, cloud, or machine learning.
 - What do you hope to learn from this experience?
- Optional: a code sample or project link demonstrating your programming ability.

科研助理岗位

岗位名称：机密计算与可信 AI 基础设施科研助理

岗位类型：科研助理 RA

研究方向：机密计算/ 可信 AI 基础设施

负责人：黄迪江教授（Dijiang.Huang@xjtlu.edu.cn） / 董彧佶博士（yuji.dong02@xjtlu.edu.cn）

适合对象：具有相关研究背景和实践能力的博士研究生。

截止日期：2026 年 6 月 30 日

岗位简介：

物联网学院现面向校内外招募科研助理，参与机密计算与可信 AI 基础设施相关科研项目。

研究工作将围绕可信计算、硬件安全、隐私保护、AI 基础设施、安全计算架构及云边协同等方向开展。科研助理将在导师指导下参与科研项目实施、论文撰写、实验平台开发及科研成果产出。

欢迎具有信息安全、计算机科学、人工智能、网络安全、电子工程或相关专业背景，并对前沿科研具有浓厚兴趣的博士生申请。

岗位职责

- 参与科研项目研究与实施
- 协助开展算法设计、系统开发及实验验证
- 阅读并整理国内外前沿文献
- 协助论文、专利及科研项目申请材料撰写
- 参与研究团队学术讨论及合作交流

基本要求：

申请者应满足以下条件：

- 正在攻读博士学位
- 具有较好的科研能力及英文阅读写作能力
- 熟悉以下至少一个方向：

- 机密计算
- 可信执行环境 (TEE)
- 人工智能系统
- 云计算
- 网络安全
- 分布式系统
- 操作系统
- 具有 Linux 开发经验者优先
- 具有 Python/C++/Rust 开发经验者优先

申请方式：

请将以下材料发送至负责人邮箱：

- 个人简历，包括教育背景、相关课程和项目经历。
- 简短个人陈述（几百字即可），内容包括：
 - 你对本项目哪个方面最感兴趣？
 - 你是否有与系统、安全、云计算或机器学习相关的经历？
 - 你希望通过本次经历学习什么？
- 可选：能够展示你编程能力的代码样例或项目链接。