

JOB DESCRIPTION

Role: **Senior Researcher**

Project: Cambridge SupTech Lab

Expertise: Financial Supervision, Data Science, ESG, Digital Transformation

Start Date: Immediately

Duration: 12 months, with an aim to extend

Level of effort: Full-time position

Location: Remote/Worldwide – with preference for Cambridge, UK or New York, USA

About the Cambridge SupTech Lab

Financial supervision is currently undergoing a profound paradigm shift, marked by a radical cultural evolution and extensive digital transformation. Financial supervisory agencies are undergoing a metamorphosis, transitioning from reactive, inertial, and localized organizations to their next iteration. They are becoming more forward-looking, innovative, agile, and collaborative, effectively equipped to tackle the challenges of the 21st century.

At the [Cambridge SupTech Lab](#), we are driving the acceleration of this transformation by empowering a new generation of public sector managers, supervisors, technical experts, data scientists, and technologists to lead the innovation within their respective agencies. Moreover, we actively contribute to the development of a supotech marketplace that fulfills the financial authorities' demand for cutting-edge, flexible, and ethical solutions through the supply provided by vendors.

To fulfill our mission, we focus on the following key initiatives:

- i. Delivering world-class online leadership and professional education, experiential training, ground-breaking research, market intelligence, new analytical frameworks, and innovative digital tools.
- ii. Mitigating the risks associated with the procurement of cutting-edge supotech applications.
- iii. Providing assistance to financial authorities and vendors in the development, testing, and deployment of these solutions.

- iv. Cultivating a community of Innovation Leaders who are passionate about leveraging data to create innovative, inclusive, and resilient financial sectors that drive socio-economic and environmental sustainability.

Through these efforts, we aim to shape the future of financial supervision by fostering collaboration, knowledge sharing, and the adoption of groundbreaking technologies. Together, we can pave the way for a more efficient, transparent, and sustainable financial ecosystem.

The Lab is an initiative of the Cambridge Centre for Alternative Finance (CCAF) at the University of Cambridge Judge Business School.

Your role

We are seeking a highly skilled and motivated Senior Researcher to join the Cambridge SupTech Lab. As a Senior Researcher, you will be responsible for leading and conducting cutting-edge research in the field of suptech, driving innovation and advancing knowledge in this rapidly evolving domain. You will collaborate with a talented team of researchers, engineers, and industry partners to develop groundbreaking solutions and contribute to the Lab's mission of shaping the future of suptech. This position offers an exciting opportunity to make a significant impact and be at the forefront of technological advancements.

Responsibilities

Set the Lab's Research Agenda, including:

- Identify and prioritize key research areas within the suptech domain.
- Stay up-to-date with the latest advancements, trends, and developments in relevant fields, ensuring the Lab remains at the cutting edge of suptech research.
- Collaborate with Lab leadership to define the Lab's research goals and objectives.
- Provide strategic input to shape the Lab's research roadmap.
- Ideate and curate calls for papers.
- Set-up and manage program to engage with PhD students and post-doc fellows.
- Manage research interns.

Create, Refine, and Deliver Research Outputs, including:

- Conduct in-depth research in suptech-related areas, applying scientific methods and analytical techniques to explore emerging technologies, trends, and their potential impact.
- Drive the design and execution of research projects, ensuring high-quality outputs.

- Collaborate with members of our multidisciplinary team and key partners, develop innovative research and contributing to the build supotech prototypes, implement competitions (e.g., hackathons) and implement technical assistance.
- Analyzing and interpreting research data, generating meaningful insights and actionable recommendations.
- Lead design sprints.
- Contribute to the development of research papers, reports, patents, and other relevant documentation.
- Present research findings internally and externally through conferences, workshops, and other knowledge-sharing platforms.
- Foster collaborations and partnerships with academia, industry, and other research organizations

Requirements and qualifications

- Ph.D. in a relevant field with a strong emphasis on research.
- Proven track record of conducting high-quality research, demonstrated through publications in reputable journals or other research outputs.
- Expertise in supotech-related domains such as finance and artificial intelligence, machine learning, blockchain, quantum computing, cybersecurity, or related fields.
- Strong analytical and problem-solving skills, with the ability to approach complex challenges with creativity and scientific rigor.
- Proficiency in using statistical software (e.g., Stata, Python, R, MATLAB, etc.) and data visualization tools.
- Excellent written and verbal communication skills, with the ability to effectively convey research findings and ideas to both technical and non-technical audiences.
- Demonstrated leadership abilities, including project management, team coordination, and mentoring of junior researchers.
- Ability to work collaboratively in a multidisciplinary team environment, as well as independently when required.
- English language fluency or native speaker.

Desirable:

- Knowledge of research funding mechanisms and experience in securing research grants or funding.
- Experience working in or with emerging market and developing economies (EMDE).
- Professional familiarity with different cultures.
- Proficiency in other languages.

Candidates need to succeed in technical skills, but also need to embody soft skills to achieve long-term success at Cambridge SupTech Lab:

- Emotional intelligence, communication, and empathy: How is your ability to collaborate effectively with others and work in teams, build relationships, share ideas, and manage conflict?
- Creativity and problem-solving skills: Are you an analytical and critical thinker? Can you find creative solutions to problems?
- Adaptability and flexibility: Our working environment and culture requires you to be agile and adaptable to succeed in this role. Are these your qualities?

What we offer

- A job and a team with a purpose. This is a chance to work on actual challenges in the financial sector that greatly affect our economies and society as a whole, and to have a real impact using data and tech to transform the public sector.
- True commitment to innovation and to break new ground in this field.
- Exposure to leading thinkers, researchers, and solution creators in the financial and tech space, and in the academic world as well.
- Opportunities to frame evidence-based discussions in a rapidly evolving niche industry.
- Opportunities to develop and lead a growth area within the policy and tech field.
- Significant professional growth potential.
- Competitive compensation.
- Flexible work schedule.

How to apply

Interested candidates should apply [through our website](#)