

## CPC489 - Senior Technologist

Location	London or Milton Keynes
Reporting to	Urban Technology Team Lead
Working hours	Full time
Contract type/duration	Permanent
Date written	October 2021
Closing date	7 <sup>th</sup> November 2021

### Purpose of the role

We're looking for a brilliant Senior Technologist that can help conceptualise, develop and deliver transformative urban technology projects as part of our Applied Data and Technology Programme of work at Connected Places Catapult.

The Urban Technology team is a multidisciplinary team of technologists, service designers and researchers. The team plays an important role in enabling Connected Places Catapult (CPC) to successfully meet its strategic objectives to build the economy and develop businesses to service the advanced urban services and intelligent mobility sectors. The Urban Technology Team works across a diverse project portfolio and technology areas in support of domains like the built environment, wellbeing, public space, critical infrastructure, mobility and decision-making institutions.

Ideas need to be tested and proved to ensure they become a reality – this role helps make this happen: prototyping, testing, creating and running pilot projects, demonstration at various scales and supporting organisations and companies understand their ideas in a real-world context is the core of the role and the function of the Urban Technology team. The Senior Technologist role combines development and delivery. We expect you to lead our expertise in technology, piloting and demonstration programmes.

### Key Responsibilities:

- Establish working relationships with city authorities, urban developers, strategic finding bodies to facilitate urban innovation across varying levels of complexity
- Liaise with technology providers and academics to understand state of the art in emerging technologies that can be applied in to place based challenges
- Plan urban technology demonstrator pilots – define the scope, resources needed, obtain permission, develop a plan and determine objectives and measures
- Act as content lead across multiple projects

- Deliver projects, testbeds, monitor the progress of the pilots and adjust as necessary to ensure the successful completion of the projects
- Manage projects keeping stakeholders informed, monitoring budgets
- Evaluate pilots ensuring they were on time, within budget and at the required level of quality and with the desired outcomes
- Document project activities and disseminate the findings to a broad audience of government, commercial and academic organisations
- Utilise existing networks and entrepreneurial skills to develop opportunities for collaborative, innovative projects aligned to the CPC's strategy for economic growth in the UK
- Liaise with collaborators internally and externally to create buy-in and opportunities for UK innovators including SMEs and academic groups
- Collaborate on ideation aligned to relevant technical disciplines identified in horizon scanning
- Ensure content support for our Project Management and Business Development functions when we scope our bids and projects.
- You may be required to undertake any other reasonable duties to support the Catapult in achieving its strategic outcomes and ensure effective business operations

### **Skills and Experience:**

- Proficient at managing technical projects, ideally with experience with Internet of Things and other emerging technologies such as 5G, AI, Cyber Security etc.
- Proven ability of building relationships and working with city authorities and providers of key infrastructure
- Experience of running many projects within a larger project since implementing pilots involves integrating many work streams from liaising with city partners to managing technology deployment
- Knowledge of many types of emerging technologies and experience in managing both digital hardware and digital software projects
- A clear understanding of the complex needs of mobility systems and/or the built environment

To apply for this role please email us on [jobs@cp.catapult.org.uk](mailto:jobs@cp.catapult.org.uk) with your CV and covering letter attached quoting the ref: **CPC489**

*Employment here is based solely upon individual merit and qualifications directly related to professional competence. We strictly prohibit unlawful discrimination or harassment on the basis of race, colour, religion, national origin, ancestry, pregnancy status, sex, gender identity or expression, age, marital status, mental or physical disability, medical condition, sexual orientation, or any other characteristics protected by law. We also make all reasonable accommodations to meet our obligations under laws protecting the rights of the disabled.*