Job title	Technician – Digital Research	Job family and level	Technical Services Level 2
School/ Department	School of Medicine, Translational Medical Sciences	Location	The East Midlands Campuses of the University of Nottingham

Purpose of role

The purpose of this role is to provide digital technical support to the Digital Cancer Screening Research Group. You will join an established team, led by Professor Yan Chen, whose main areas of research interest include digital cancer screening and artificial intelligence.

Duties will include, assisting with the planning of the day-to-day running of studies, allocating resources and providing assistance in the use of equipment and techniques. In this role, you will have the opportunity to work across multiple projects within the realms of AI and digital screening.

The duties and percentage time allocation provides an indication and framework for the role and should not be regarded as a definitive list or allocation. Other reasonable duties commensurate with the grade, spirit and purpose of the post may be requested. The role holder will be expected to work flexibly to support the technical services across the Digital Cancer Screening Research Group.

The School of Medicine recognises the importance of continuous professional development and therefore, the importance of providing opportunities, structured support and encouragement to engage in professional development each year.

To find out more about the School of Medicine, its values, vision, teaching and research, please see our further information leaflet.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	**Planning and Prioritisation** ▪ Assist with the planning of studies, allocating resources and providing technical supervision to ensure work objectives and standards are met ▪ Plan and prioritise work accordingly, escalating problems or conflicts to more senior colleagues ▪ Contribute to internal testing of AI tools and help assess usability and output consistency ▪ Contribute to the provision of technical support during pilot studies and external quality assurance schemes. ▪ Maintain accurate data records	80%

	- Maintain technical documentation related to protocols - Troubleshoot basic software issues and escalate complex problems to senior technical staff - Escalate issues to relevant senior colleagues - Help manage secure data storage, transfer, and archiving in compliance with ethical and legal frameworks - Assist in writing and maintaining basic Python and similar scripts for automating data processing and analysis tasks - Support the development and debugging of code used in image processing and AI model evaluation - Support in the management of External Quality Assurance schemes	
2	**Team and Development** Contribute towards team meetings and research project meetings, as required and have involvement in the development, testing, and construction of new equipment and/or techniques	10%
4	**Health and Safety Performance** Consider Health and Safety in the performance of all duties by assessing the risks of the planned activity and performing the tasks having considered, and acted to secure, the safety of yourself and others and maintain a safe work environment through conducting testing to time and quality requirements, check status of equipment, notify and take action on non-conformance, where appropriate	10%
5	Any other duties appropriate to the grade and level of the role	N/A

Person specification

	Essential	**Desirable**
Skills	▪ Oral and written communication skills, including the ability to communicate information with clarity. ▪ Analytical ability to be able to interpret testing requests. ▪ Basic experience in programming i.e. Python. ▪ IT skills. ▪ Problem solving skills. ▪ Customer relation skills. ▪ Ability to work accurately in order to maintain high standards, with the ability to work effectively under pressure. ▪ Ability to adopt a methodical approach to work in order to achieve work deadlines.	▪ Developing technical skills in Digital Cancer Screening and Artificial Intelligence.
Knowledge and experience	▪ Understanding of Health and Safety. ▪ Previous relevant dry laboratory experience, with the ability to undertake a range of digital screening support activities.	
Qualifications, certification and training (relevant to role)	▪ A Levels in relevant subjects or equivalent vocational qualifications (NVQ, City & Guild), plus some experience in a relevant technical/scientific role. Or Previous work experience in a relevant technical/scientific role.	

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people   Is open and welcoming of others, approachable and respectful. Considers the wider point of view and delivers appropriate support and guidance to colleagues.

Taking ownership   Shows initiative and takes responsibility for own actions. Offers clarity and tactful support to colleagues to aid decisions and actions.

Forward thinking   Demonstrates the ability to learn, and enjoys the opportunity to develop. Likes to share and implement new ideas and improvements in their area of work. Seeks feedback from others.

Professional pride   Is self-appraising, seeking feedback from others and acts as a great role-model at all times. Keen to deliver the job well and be an effective member of the team.

Always inclusive   Is sensitive to the needs of others and understands every person is important, right across the organisation, irrespective of level, culture, disability or any other characteristic.

Key relationships with others

Line manager

Professor of Digital Screening

Role holder

Technician - Digital Research

Key stakeholder relationships

| Stakeholders | Colleagues | Students |