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Job Description: Trainee Health Informatician

Are you passionate about using technology to improve the lives of people, patients and healthcare professionals? Start working with a company that makes a difference to the lives of people and patients across the world.

Most existing software systems used in hospitals are built on outdated technology and have not been built to modern standards. We build solutions in close collaboration with doctors and nurses using modern technology, but designed around clinical needs. We believe that clinical needs drive product evolution, and healthcare standards exist to support the need to access & share information.

Our expertise in terminology & interoperability standards like [SNOMED CT](#) & [FHIR](#) allow doctors and patients to share their health information seamlessly, so they can avoid unwanted investigations/tests, reduce prescribing errors and access relevant information at the right place.

About Us

Termlex is a healthcare start-up that aims to change the way software is used for healthcare. We have on-going projects with UCL Hospital, NHS Digital Code4Health and other partners. We are an experienced team of clinicians and health informaticians with a track record of commercial success. Some of our team are internationally recognized experts in healthcare IT and have been involved in healthcare projects within the UK and across the world.

The Company operates virtually and while our senior team is based in London, we have team members who are located in India. There are plenty of opportunities for flexible and remote working.

What We Do

Our expertise is based on international experience of implementing healthcare standards and using them in clinical information systems that are used by clinicians, such as:

- National electronic health records in Singapore, Sweden and the UK - we specialise in providing healthcare terminology management and implementation solutions.
- Real world clinical systems - we work with clients in the NHS and across the UK to create software that solves clinical problems.

SNOMED CT (Systematized Nomenclature of Medicine -- Clinical Terms) is a standardised, multilingual vocabulary of clinical terminology that is used by physicians and other health care providers for the electronic exchange of clinical health information.

- We specialise in supporting the implementation of SNOMED CT in clinical information systems and its maintenance in enterprise settings.
- Our services and products enable our clients to adopt SNOMED CT easily and realise its benefits

Our Products

- **Snolex: A SNOMED CT browser (<https://snolex.com>)**
 - An application for searching SNOMED CT (a dictionary of medical terms 1 million terms). So try login using credentials below and search for a term like 'asthma'
- **Termlx: A terminology server (<https://v1.termlex.com/docs>),**
 - A RESTful API service for SNOMED CT. It allows programmatic access to the entirety of SNOMED CT. What's more, you can load and manage your own local coding systems and other coding systems too!
- **Keytrials: A clinical trial discovery platform (<https://keytrials.com>)** - used by UCL Hospital clinicians for publishing details of ongoing clinical trials.
- **Healthtrak** - A clinical system for recording and analysing PROMs data for orthopaedic surgeons in Newcastle (<https://proms.code4health.org>)
- **NHS Code4Health Platform** - A sandbox environment for rapidly prototyping clinical apps using APIs for FHIR, openEHR & SNOMED CT (<https://platform.code4health.com>)
- **Snofyre: An Analytics tool for querying patient data** (<http://code.google.com/p/snofyre>)

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What You Will Do

The work involves a multidisciplinary team and collaboration with partners in the UK and beyond. You will help conversion of diseases, procedures into a codes used for sharing of information electronically. You will work with other clinicians in the team to create a standardised names of laboratory/pathology tests that will allow lab test results to be exchanged electronically. You will have a willingness to understand how software development and technology works in the context of clinical practice. The successful candidates will need to be happy working closely with other developers and be able to respond quickly to users of the software who come from different backgrounds.

- You will work alongside other members of the team in refining our services where your clinical knowledge will be applicable.
- As a doctor/nurse/pharmacist, you will work closely with our developer(s) to refine our products, services and user interface (UI) for both performance and usability.
- You will work closely with our team of clinicians and informaticians to design and deliver existing clients and future projects.
- You will be a team player with a willingness to lend a hand with any aspect of the Company's activity in addition to the core task of software development.

You will be able to work with minimal supervision and bring their own ideas and expertise to our venture. There will be an opportunity to work with the health informatics community which includes many enthusiastic clinicians and innovative developers wanting to disrupt the way IT is delivered in healthcare.

Who You Are

- Have a clinical qualification in medicine or an allied discipline.
- Solid understanding of clinical and pathological processes
- The analytic ability to represent this understanding systematically
- Understanding of current genetic and post genome clinical research, preferably in the realm of cancer.
- Willingness to work flexibly in a multidisciplinary team in which roles may evolve, tasks may be changed, and collaborate with other remote teams that may require travel.
- The ability to acquire new skills quickly
- Good communication and presentation skills

Desirable Skills

- A postgraduate qualification and/or experience in health informatics/related area
- Experience in writing academic papers and developing research proposals
- Software skills are an advantage

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