# Research Engineer

**Oxehealth** · 7 years ago

🏢 51-200 employees · Mental Health Care

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## About the job

To work as part of Oxehealth's Oxford based Medical Device Research and Software Engineering team to research and develop new algorithms and take them into our medical device software product - OxeCam. OxeCam turns cameras into health monitors enabling video from cameras to read the Vital Signs (eg Heart Rate and Respiratory Rate) of people that the camera can see.

Oxehealth is a company led by its Research Engineers.

- Join our team and research and develop new algorithms, design and run your own experiments and get to include your new algorithms into the software product.
- Work in a wide variety of settings (eg prisons, hospitals, planes, trains, cars, homes, care homes, prisons and childrens nurseries)
- Access leading edge tools, equipment, software and many Peta Bytes of research data
- Collaborate with other researcher and software engineers through an environment that encorages sharing of ideas, challenges and in planning new work.
- Have your ideas turned into Patents and Papers
- Take part in regular offsite team events and team led planning
- Grow your skills in areas that you see most relevant and work in areas that excite you most
- Personal Development and growth is a high priority
- Enjoy doing great work that will change the world and enter / leave work with a smile on your face.

### Requirements

Skills/Qualifications:
PhD, PostDoc or equivalent industrial research skills in :
- Computer Vision
- Signal Processing of time varying signals
- Machine Learning
- Proven experience in MATLAB/Octave or R and associated appropriate toolboxes and libraries.

And preferably software development skills
- Cross platform C++ 11/14 programming and/or Boost, STL and OpenCV
- Experience of Vision systems, cameras and illumination.
- Ideally from an environment where exposure to test driven design/development with code quality and agile tools

### Benefits

Salary commensurate with experience and skill level.

Oxehealth is a well funded start up with a spirit and working environment that is envied by all who see it. Highly innovative, creative, collaborative and vibrant, Oxehealth is a unique and special place to work with the potential to change the world.

Explaining what you do at work will make your friends jaw drop.

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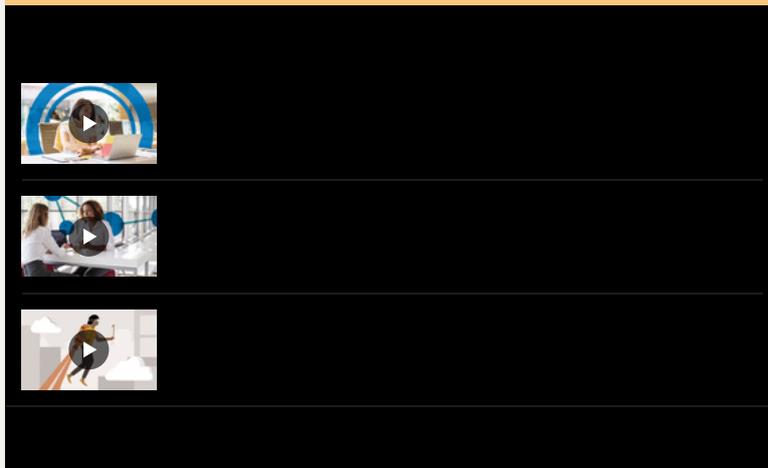Research Engineer, Oxford, GB

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## About the company

**Oxehealth**
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