

Qualifications and experience

Required:

- MSc. or PhD preferred in a scientific field such as Applied Mathematics, Chemistry, Physics, Biochemistry, Biomedical Engineering, Bioinformatics, or Computer Science
- Highly proficient in Python - SciPy, NumPy, Pandas
- Demonstrable skills and experience with raw signal processing, data analysis, and data visualization
- A high level of mathematical ability, with a methodical and logical approach
- Innovative problem-solving abilities, self-motivated and goal-oriented
- Experience working within a multidisciplinary team, especially in the molecular diagnostics and biotechnology sectors
- Clear communication skills, with ability to communicate effectively with colleagues from various disciplines

Desirable:

- Experience with Next-Generation Sequencing (NGS), ideally ISFET-based sequencing, and raw sequencing signal processing
- Sound knowledge of genomics and statistical methods
- Experience working with a range of programming languages, including R, SQL, and MatLab
- Working knowledge of bioinformatics formats (HDF5, FastQ, etc.)
- Confident in a Linux environment and Git source code repository
- Development, optimisation and implementation of NGS primary analysis algorithms

Location

This role will be based in DNA Electronics headquarters, in West London at White City, London, UK.

Apply

If you believe you meet the above criteria and would relish playing a key role in developing a revolutionary technology, we would be delighted to hear from you.

We offer a competitive compensation package to successful candidates.

Please email your CV, making a note of your salary expectations and availability in the email to: careers@dnae.com quoting the **job title and your name** in the subject line.

For more information about DNAe, please visit our website www.dnae.com