



PetaGene Ltd
ideaSpace, Hauser Forum
3 Charles Babbage Road
Cambridge, CB3 0GT, UK

T: +44 (0)1223 655651
E: info@petagene.com
W: www.petagene.com

Job description: Senior Bioinformatics Engineer

PetaGene company profile

An exciting software company in the genomics, cloud and HPC/supercomputing spaces, and based in Cambridge UK, is looking for a talented Senior Bioinformatics Engineer who needs to be based somewhere in the UK.

PetaGene's <https://petagene.com> multi-award-winning software is at the leading edge in the rapidly growing market for optimising genomic data, helping to make personalised, precision medicine affordable for everyone. We take bulky, noisy genomic data and make it smaller, faster and more secure for applications spanning genetic disease and cancer diagnostics to pharmaceutical research. Our solutions have been used for over three million genomes, mostly human, spanning across pharmaceutical, hospital, clinical and academic research customers.

PetaGene has strong sales and is also backed by Entrepreneur First and high profile US and UK VC funds. Candidates have an opportunity to make a big impact at an early stage company, to tackle important problems that our customers face, and to personally grow as the company grows. This isn't a web or app company. We solve really challenging problems that no-one has ever solved before. We're looking for smart, creative people capable of tackling challenges. We seek candidates with the ability to quickly learn new skills and to be able to independently research new areas, as needed, for solving challenges. As a startup, we also expect everyone to take on a diverse set of responsibilities.

Opening: Senior Bioinformatics Engineer

The successful candidate will have experience and skills in the following areas:

- Capable of researching a challenging problem and coming up with new approaches
- Has worked with Bioinformatics tools or pipelines for NGS
- Proficient in Linux shell scripting
- Comfortable with liaising with customers on support/bug requests
- Comfortable or proficient with either C++, Python, Java, Rust or Go

The following skills are also valued for this role, but not required:

- Understanding of software build, deployment and test
- Experience with Docker or Singularity
- Experience coordinating (other) developers
- Designing for high performance computing
- Experience with virtual file systems

Person specification

We prefer candidates with a strong technical degree in a relevant area or with relevant work experience. We value candidates with graduate degrees (preferably a PhD) in related areas.

Pay is competitive and will be based on the candidate's skills, experience and talent. An annual bonus is anticipated in addition to your base salary.

Benefits in addition to salary:

- Private Health benefits package
- Workplace pension
- Company Sick Pay
- Free team lunches on Mondays

Work environment and remote working

PetaGene is headquartered in ideaSpace, a University-owned tech incubator in Cambridge, with nice surroundings, expansive views, a kitchen and common room with facilities, and a dedicated office manager. We are flexible regarding home- or office-working, and employees can come in as often or as seldom as they want. Most staff who live in Cambridge or London come in once a week, on Mondays, but fully remote working is also fine. Therefore candidates do not need to be local to Cambridge, but can be resident anywhere in the UK.

PetaGene is an equal opportunities employer. We do not discriminate against employees or job applicants and select the best person for each job based on relevant skills and experience.

Please contact jobs@petagene.com for informal enquiries about the position.