



Job: Senior Research Engineer / Lead

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.

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

- Capable of researching a challenging problem and coming up with new approaches
- Experience in either Bioinformatics or Information Theory preferable
- Proficient in C++
- Understands algorithmic complexity and can optimise accordingly
- Software build, deployment and test

The following skills are also valued, but not required to the role:

- Commercial software development and code base maintenance
- Knowledge of Linux library system and some OS internals
- Experience coordinating other developers (acting as a project or team lead)
- Designing for high performance computing
- Has worked with Bioinformatics tools or pipelines
- Experience with GPGPU acceleration
- Experience with Virtual File-systems

Pay is competitive and will be based on the candidate's skills, experience and talent.

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.

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Job: C++ Software Engineer

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.

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

- C/C++ development experience
- Linux scripting and build systems: GNU Make, Shell (Bash/Csh)
- Commercial software development and code base maintenance
- Software build, deployment and test

The following skills are also valued, but not required to the role:

- Skilled at designing new algorithms
- Knowledge of Linux library system and some OS internals
- Designing for high performance computing
- Has worked with Bioinformatics tools or pipelines
- Experience with GPGPU acceleration
- Experience with Virtual File-systems

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Job: Software Test Engineer

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.

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

- C/C++ development experience
- Linux scripting and build systems: GNU Make, Shell (Bash/Csh)
- Commercial software development and code base maintenance
- Software build, deployment and test

The following skills are also valued, but not required to the role:

- Skilled at designing new algorithms
- Knowledge of Linux library system and some OS internals
- Designing for high performance computing
- Has worked with Bioinformatics tools or pipelines
- Experience with GPGPU acceleration
- Experience with Virtual File-systems

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