

Want to work on the technology underpinning the water supply systems of the future?

You've come to the right place.

NUMERICAL ANALYST

ABOUT INFLOWMATIX

Inflowmatix (www.inflowmatix.com) was founded in 2015 as a spin out from Imperial College London. We work closely with water industry specialists, engineering experts, and world-class academics to bring cutting edge research and technology to water utilities around the world that specifically address the challenges in water that we face today. Our technology spans hardware for data acquisition, software for data management and visualisation, and advanced analytics

ABOUT THE ROLE

Inflowmatix are on the lookout for a Numerical Analyst to help us conquer problems in water supply that affect both developed and developing countries. The work will include building models that describe various aspects of water supply operation and behaviour, and developing, implementing and analysing solution methods that are both computationally efficient and converge reliably. These outcomes will feed directly into our analytical product offering.

Essential skills:

- Masters/PhD in Mathematics, Electrical and Electronic Engineering, Physics, or similar.
- Applied experience in solving and analysing systems of equations and numerical optimisation.
- Programming ability in Python, R, or similar.

Desirable skills:

- Experience in researching existing numerical methods and/or making contributions in this field.
- Experience in graph theory and other forms of network analysis.
- Linux/Unix experience.

The full-time position is office-based (in Southampton, UK) or remote with the ability to visit the Southampton office one day per week.

APPLICATION PROCESS

Enquiries and applications can be sent to careers@inflowmatix.com. We would like initially to see what projects you have worked on and what level of experience you have. We would then invite you to chat with us online and eventually to visit us at our Southampton office, to have a longer discussion and meet the wider team.