

Principal Engineer, RF

Path Intelligence Ltd is a multiple award winning start-up company, whose most recent achievement is winning the SEEDA Enterprise Hub Showcase event, ahead of more than fifty other innovative start-ups from Oxford and the broader South East region.

As our Principal Engineer, you will:

- Enhance and extend the existing C++ code base to improve efficiency and speed
- Re-architect the system to prepare for upcoming enhancements
- Assist the existing management team to recruit and build the technical team both in the UK and the US
- Work closely with the COO to develop an automated reporting system including online data delivery to clients
- Work closely with the CEO to complete product development and implement new research initiatives
- Help shape the future of Path Intelligence Ltd
- Work with a young, energetic and ambitious team
- Receive an attractive remuneration package
- Be located on England's beautiful South Coast within a marina setting and close to the best natural recreation sites England has to offer including the New Forest and the Isle of Wight

The following skills are essential:

- Expert C++ skills
- Solid understanding of RF
- Ability to formally communicate architectural designs and plans
- Proven team working experience, within teams consisting of both technical developers and non-technical project/business owners (experience in working with remote teams a bonus)
- Experience integrating open source technologies in application development
- Proven problem solving skills
- Self Starter

Desired skills:

- Proficiency in Python
- Knowledge of RF location techniques
- Proficiency in CSS/HTML/Flash
- Experience in working on software defined radio projects and/or Gnuradio
- Knowledge and experience with RF and FPGA hardware development

About Path Intelligence:

Path Intelligence has developed an innovative product using software defined radio, that is able to locate mobile phones highly accurately within a confined area. In the first instance Path Intelligence is using this technology to provide shopping centres and mass transit stations with information on people flow through their space. However, this is just the tip of the iceberg of what is possible with this technology and Path Intelligence has plans to move into many different industries, applications and geographies.

Path Intelligence has recently concluded a funding round with a Silicon Valley venture capital firm that focuses on leading edge technologies and plans to aggressively expand into the US and Europe in the near future.

At Path Intelligence, our goal is to provide the most timely and accurate location information available. To that end, we strive very hard to hire the smartest people. We're an environment where great ideas shape our vision and true passion drives us to the best solutions to the most challenging problems.

Path Intelligence Ltd are currently moving to new offices in the Port Solent marina. This role would suit an individual who is interested in outdoor, watersports and who enjoys the recreational facilities, lifestyle and family environment that the South Coast can offer. With substantial funding, and a credible and successful management team in place, this role will provide an excellent opportunity to join a new company and play a vital part in the development of their product and technical team.

Salary: Competitive + Benefits, c£30-60K with the potential for equity

Location: Portsmouth, Hampshire

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