

Senior/Principal Wireless System Engineer

Vicinity Technologies Limited, a dynamic leader in the UK's 5G and AI landscape, is seeking a highly skilled Senior/Principal Wireless System Engineer to spearhead our cutting-edge wireless communication projects. As a key contributor, you will play an integral role in shaping the future of 5G and beyond.

Job Responsibilities

- R&D in 5G/6G radio access network software and intelligent application software
- Design and optimize 5G and AI signal processing algorithms for communications systems, physical layer software and protocol stack software.
- Develop cutting-edge 5G/6G mobile intelligent systems including, MAC/RRM/SON algorithms, System level simulation and theoretical analysis, and (3) Research and development on wireless standard technologies.
- Participate in 5G end-to-end system integration, interoperability testing, verifications, performance testing and tuning on 5G/6G base stations, network deployment and field trials

Requirements

- Ph.D. holder or Master's degree in Electronic Engineering, Computer Science or relevant disciplines with minimum 3 years of related experiences. Candidate with less experiences may also be considered
- Solid knowledge of radio communications theory and digital signal processing. Background in cellular communication systems across PHY, MAC, and RF is preferred
- Programming/scripting skills in MATLAB, Python, C/C++ is preferred.
- Proven track record with innovative problem solving and hands-on experience in design, development, testing, and standardization will be an advantage.
- R&D project development experience is preferred
- Fluent communication for effective collaboration.
- A team player with good analytical and communication skills

Vicinity Technologies Limited

Vicinity is a dynamic and rapidly growing leader in the UK's 5G and AI landscape. Established in 2023, we are dedicated to developing and deploying cutting-edge commercial systems that harness the power of 5G connectivity and artificial intelligence.

Our team of experts is committed to pushing the boundaries of innovation, leveraging our robust research and development capabilities to create transformative solutions for a diverse

range of industries, including communications, AI, data analytics, integrated circuits, and the Internet of Things.

At Vicinity, we foster strong collaborations within the 5G and AI ecosystem, partnering with leading silicon providers, system integrators, operators, and academic institutions. This collaborative approach enables us to accelerate the development and deployment of market-leading solutions, ensuring a rapid time to market. We are also actively engaged in researching advanced technologies such as 6G, mission-critical systems, and satellite communications, paving the way for a more connected and intelligent future.

For further information, please visit our website: <https://www.vicinitysys.com/>

Why Join Us:

- Play a key role in shaping the future of connectivity in the UK, as we build and deploy the next generation of 5G networks.
- Enjoy ample opportunities for professional development and advancement within a rapidly growing company.
- Benefit from a competitive salary, performance-based bonuses, and a comprehensive benefits package.

If you are a driven, results-oriented professional with a passion for 5G technology and a desire to make a significant impact, we want to hear from you. Please submit your resume and a compelling cover letter to enquiry@vicinitysys.com

Join us in building a more connected future!