公司介绍

复远芯（上海）科技有限公司从事高性能 MEMS 传感器业务。公司以无人行驶（车、船、飞行器）、工业机器人、航天航空等领域为主要目标市场，研发、设计和生产高端传感器产品，并为客户提供相应的系统解决方案和服务。主要产品：加速度传感器、陀螺仪、组合惯性传感器及相关智能应用系统。

公司聚集了来自国内外专业 MEMS 人才，团队成员分布在上海，北京，西安，欧洲，美国等；覆盖了 MEMS 工艺研发、传感器设计和 ASIC 设计、工程、校准和量产封装测试、系统应用软件等领域。公司研发实力雄厚，始终坚持自主创新，完全掌握核心技术，目前已经申请国内国际专利。

团队创始人具备国际视野，有 MEMS 传感器几十年研发生产制造经验，在 MEMS 惯性领域由独到见解和实际工艺经验，相信会与振兴高端 MEMS 传感器有志之士充分合作，培养 MEMS 专才，提升行业水平，携手共创辉煌 MEMS 高性能惯性传感器未来。

复远芯科技专注于高精度高性能 MEMS 传感器行业，凭借自主可控的先进的技术、高效率的执行力和高可靠成长性，复远芯科技立志成为一家全球知名的 MEMS 惯性传感器系统公司，精耕细作，争取在高性能 MEMS 传感器领域占据核心地位。智能传感器复兴之路，行稳致远。

公司基本福利如下：
1、人性化、弹性的考勤制度；
2、双休，法定公休，每年 10-15 天带薪年假；
3、按照相关规定缴纳五险一金，并为员工及家庭成员购买补充医疗险；
4、定期组织全公司员工丰富户外活动；
5、完善的薪酬体系，多种绩效激励机制；
6、立体式的培训体系（内训、导师制、外训等），多渠道发展空间；
7、餐饮补贴等；
8、为员工提供体育运动设施。

加入复远芯科技，收获不一样的人生。

如有兴趣，请提交简历发至：1845907369@qq.com

IMU (Inertial Measurement Unit) engineer

IMU（惯性测量单元）工程师　　待遇从优、股权激励机会

Responsibilities:职位描述：

- Responsibilities include defining inertial sensor and/or subsystem specifications and qualification requirements.
- 负责定义惯性传感器及其子系统规范和资格要求
- Perform technical analysis / feasibility for new product specifications, evaluate customer specifications, and support cost / technical proposal generation.
- 完成对新产品规范的技术分析/可行性研究，评估客户需求规范，并支持成本/技术方案生成。
- Perform Inertial Measurement Unit (IMU) algorithm design and development, which may include performance assessments using theoretical and real-world data.
- 完成惯性测量单元（IMU）算法设计和开发，其中包括可能使用理论数据和实际测量数据进行性能评估。
- Perform/Support model development of algorithms utilizing Matlab / Simulink and use these models to analyze and improve their performance.
- 利用 Matlab/Simulink 执行/支持算法的模型开发，并使用这些模型分析和改进其性能
- Perform test data reduction, analysis, and test reporting.
- 完成测试数据缩减、分析和测试报告
- Develop test requirements, methods, and test solutions from requirements flowed down as part of the systems engineering team.
- 完善测试需求，测试方法和测试方案，有效解决系统工程团队提出的需求。
- Diagnose engineering issues with scientific method driving to definitive root cause.
- 善于用科学方法诊断工程问题，以确定产生问题的根本原因。
- Interface with production and support teams to ensure a quality customer experience throughout the product life-cycle.
- 与生产和支持团队对接，以确保在整个产品生命周期内提供优质的客户使用体验。
- Able to succinctly and effectively brief status and results to program and customer senior leadership.
- 能简洁有效地向项目和客户高层领导简要介绍工作进展状态和结果

Qualifications for graduates 任职资格（毕业生资格）：

- Bachelor/Master of Science in Engineering is required,good English,CET 6.
- 需要工程类本科或硕士,英语良好
- Hands-on experience and proven track record in inertial sensing hardware and software development.
- 需要在惯性传感器硬件和软件开发方面有实践经验和良好的记录
- Background in inertial navigation systems, GPS/GNSS technology,
- 有惯性导航系统，GPS/GNSS 技术背景
- Strong Analytical background capable of deriving closed form mathematical expressions.
- 具有很强的分析背景，能够推导出闭合解法的数学表达式
- Experence in utilizing computer software tools such as Matlab to develop complex analytical models for performance prediction.
- 熟练使用诸如 Matlab 计算机软件工具，开发性能预测的复杂分析模型的经验
- Familiarity with Matlab, C/C++, Python, or other software languages.
- 熟悉 Matlab、C/C++、Python，或其它软件语言。
- Basic knowledge in inertial systems theory of operation, signal processing.
- 具备惯性系统操作理论、信号处理方面的基础知识
- Fundamental knowledge and experience in physics, mechanical, electrical, and material science engineering, and manufacturing technology relevant for sensor fabrication.
- 具备与传感器制造相关的物理、机械、电气和材料科学工程以及制造技术方面的基础知识和经验。
- Ability to develop creative yet practical solutions to technical challenges.
- 有能力为技术挑战制定创新而实用的解决方案

Qualifications for senior engineer 任职资格（高级工程师）

- 4+ years of hands-on experience and proven track record in inertial sensing hardware and software development，good English,CET 6.
- 在惯性传感硬件和软件开发方面有 4 年以上的实践经验和良好的记录，英语良好。
- Background in inertial navigation systems, GPS/GNSS technology,
- 有惯性导航系统、GPS/GNSS 技术背景
- Strong Analytical background capable of deriving closed form mathematical expressions.
- 具有很强的分析背景，能够推导出闭合解法的数学表达式
- Expertise in utilizing computer software tools such as Matlab to develop complex analytical models for performance prediction.
- 熟练使用诸如 Matlab 计算机软件工具，开发性能预测的复杂分析模型的经验
- Familiarity with Matlab, C/C++, Python, or other software languages.

- 熟悉 Matlab、C/C++、Python，或其他软件语言。
- Experience working with or troubleshooting hardware and electronics.
- 具有硬件和电子设备操作或故障排除经验
- Experience in architecture, design characterization, and validation of inertial sensing systems.
- 具有在惯性传感系统的架构、设计表征和验证方面的经验
- Proficient in inertial systems theory of operation, signal processing, fabrication, packaging and design trade-offs.
- 精通惯性系统操作理论、信号处理、制造、封装和设计权衡
- Expertise in simulation, data collection, data analysis, and statistical analysis tools.
- 模拟、数据收集、数据分析和统计分析工具方面的专业知识
- Excellent written and verbal communication skills and solid teamwork and leadership skills.
- 优秀的书面和口头沟通能力以及扎实的团队合作和领导能力
- Ability to make complex decisions with sparse data.
- 能够利用稀疏数据做出复杂决策

Preferred Additional Skills:首选的附加能力

- Graduate degree in Materials Engineering, Electronic Engineering, Physics, or Mechanical Engineering.
- 材料工程、电子工程、物理或机械工程研究生学位
- Aerospace or equivalent industry experience.
- 具有航空航天或同等行业工作经验
- Experience working programs from the design stage through field testing and selloff.
- 具有从设计阶段到现场测试和销售的工作经验
- Demonstrated proposal-writing capability.
- 具有良好的提案撰写能力
- Demonstrated ability to derive navigation equations of motion, error modeling, finite time implementation of such, and Monte aCarlo Analysis.
- 具有证实能推导导航运动方程、误差建模、有限时间实现和蒙特卡洛分析的能力。
- Prior experience in the mechanical design and fabrication IMUs.
- 具有机械设计和制造 IMU 产品的经验

Senior MEMS Designer 高级 MEMS 设计师 待遇从优、股权激励机会

Responsibilities:职位描述:

- Electro-magnetic or Electro-mechanical modeling and analysis of sensors using ANSYS/Workbench/Maxwell/COMSOL/SolidWorks, including Magnetostatic, Electrostatic, DC conduction, Electric transient etc.
- 使用 ANSYS/Workbench/Maxwell/COMSOL/SolidWorks 对传感器进行电磁或机电建模和分析，包括静磁、静电、直流传导、电瞬态等方面
- Work with a cross-functional team to develop next generation sensors for consumer, industrial, and automotive applications.
- 能与跨职能团队合作，为消费者、工业用户和汽车业应用开发下一代传感器。
- Work with ASIC design team to define and optimize product performance.
- 与 ASIC 设计团队合作，定义和优化产品性能
- Work with manufacturing and test teams to improve product throughput and reliability.
- 与制造和测试团队合作，提高产品生产量和可靠性
- Reviews designs, processes, characterisation and testing methodology.
- 审阅核查设计、工艺、特征和测试方法。
- Uses analytical methods to help make better decisions.
- 善于使用分析方法有助于做出更好的决策。
- Applies logic and mathematical modelling to analyse complex situations.
- 应用逻辑和数学建模来分析复杂情况。
- Offers advice to IP development.
- 为知识产权开发提供建议。

Required Qualifications:任职资格:

- MSc or PhD in Materials Engineering, Electronic Engineering, Physics, or Mechanical Engineering，good English,CET 6
- 材料工程、电子工程、物理或机械工程硕士或博士，英语良好。
- More than 5 years of experience designing, developing and producing sensors in a high-volume manufacturing environment.
- 具有在规模制造工厂中有 5 年以上设计、开发和生产传感器的经验。
- Experience in the design of sensors, including film characteristic, electronic interface considerations, fabrication process compatibility, and packaging.
- 具备传感器设计经验，包括薄膜特性、电子接口考虑、制造工艺兼容性和封装等方面。
- Knowledge of computer software Mathcad and MatLab.
- 具有计算机软件 Mathcad 和 MatLab 知识
- Process development and optimization with external and internal teams.
- 与外部和内部团队一起合作进行流程开发和优化。

- An important attribute is quality of work and attention to detail.
- 重视工作质量和注重细节

MEMS Inertial Sensor Designer　　待遇从优、股权激励机会

MEMS 惯性传感器设计师

Responsibilities:职位描述

- Electrostatic accelerometer and gyroscope sensor design and simulation.
- 静电加速度计和角速度计的设计和仿真
- Build up analytical, finite element and system level models.
- 建立起分析模型、有限元和系统级模型
- Work with ASIC and package designers to optimize the performance.
- 配合 ASIC 和封装设计团队工作，优化产品性能

Required Qualifications:任职资格

- At least 2 years' experience in MEMS design of gyro or accelerometer products，good English,CET 6.
- 具有 MEMS 陀螺仪和加速度计产品研发至少有 2 年以上经验，英语良好。
- Proficient in ANSYS/COMSOL, Matlab/ Simulink modelling.
- 熟练掌握 ANSYS/COMSOL,Matlab/Simulink 建模
- Good experience in mechanical and electrical modelling.
- 良好的机械和电子电气建模经验
- Familiar with sensor test setup design, characterization and automation.
- 熟悉传感器测试装置的设计，特征描述和自动化相关领域

Sensor ASIC Designer　　待遇从优、股权激励机会

传感器 ASIC 设计工程师

Responsibilities:职位描述:

- Individual will work closely with MEMS/Analog engineers in the floorplan, layout, and physical design of Sensor and ASIC.
- 能在传感器和模拟芯片的平面、布局和物理设计方面与 MEMS/模拟工程师密切合作

Required Qualifications:任职资格:

- BS degree in Electronics, or related fields，good English,CET 6.
- 电子工程或相关专业的学士学位，英语良好。
- 3+ years experiences in CMOS IC full-custom layout.
- 在 CMOS IC 全定制方面有 3 年及以上经验
- Experience working on MEMS is preferred.
- 有 MEMS 相关工作经验者优先
- Proficient with Mentor & Cadence tools.
- 熟练掌握 Mentor&Cadence 工具
- Experience with Floor Planning, Power Routing and ESD&latchup level design.
- 具有设计 Floor Planning、Power Routing、ESD&Latchup 的经验
- Experience with compiling Design Rule Checking (DRC) and all aspects of Physical Verification.
- 具有设计规则检查和物理验证各方面的经验
- Strong debug & problem-solving skills.
- 具有很强的调试排错和解决问题的能力
- Educated to degree level with excellent analytical, communication and documentation skills.
- 具备优秀的分析问题能力、交流沟通能力、文档编辑能力