

Easy Ultrasound, Home Ultrasound is what Marvoto delivery. Marvoto Technology established in Apr 2017. It focuses on hand-held 2D/3D/4D ultrasound application, in terms of smart algorithms and artificial intelligence. Compared with professional and complicated applications in hospitals, Marvoto Technology provides individuals a much easier way to scan and check the inside body at home.

When we look at the starry sky, it's so beautiful, and also the big world we live. But there is also a big universe in our body, we Marvoto help you to explore.

Job Title: Ultrasound System Engineer

A. Duty scope:

- R&D, design and implementation of signal processing module for medical ultrasound equipment
- Development of image processing algorithm, optimization of related parameters setting and medical ultrasound equipment
- Image quality and performance assessment/analysis, research and clinical collaboration
- Test and verification of system performance of medical ultrasound equipment

B. Requirement

- Master degree or above. More than 1 year relevant work experience is preferred.
- Major in digital signal and image processing, communication engineering, acoustic and acoustic signal processing, or radio signals and other related fields of expertise
- Familiar with the system hardware, SNR analysis and debugging methods, having a solid signal processing knowledge base
- Familiar with the basic algorithms for image processing and specific implementation methods
- Proficient in VisualStudio, Matlab, Labview, having basic programming and debugging abilities
- Having basic knowledge on human anatomy and medical image, as well as relevant clinical experience is preferred.
- Good communication and collaboration skills, open minded attitude

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简易超声，家用超声是美童科技的使命！美童科技于 2017 年 4 月成立，公司专注于基于智能算法和机器学习的无线智能手持三维超声的开发。和医院专业和大型的超声设备相比，美童科技能够为您提供一个更加简单和容易的体内相机。

当我们仰望星空，宇宙是如此的美丽。我们身体内部同样有一个神秘的小宇宙，美童科技帮助你开启探索之旅！

職位名稱：超聲系統工程師

A. 職責範圍

- 醫學超聲診斷設備的相關信號處理模塊的研發、設計和實現；
- 醫學超聲診斷設備的圖像處理算法的實現和相關參數的設置和優化；
- 醫學超聲診斷設備的圖像質量的評估和分析，性能研究和臨床評估合作；
- 醫學超聲診斷設備的系統性能的測試和驗證。

B. 職位要求

- 碩士及以上學歷，具有 1 年以上的相關工作經歷者優先；
- 主修數字信號處理和圖像處理、通信工程、聲學與聲學信號處理、或無線電信號等相關專業領域；
- 熟悉系統硬件信噪比的分析和調試方法，具有紮實的信號處理知識基礎；
- 熟悉圖像處理的基本算法和具體實現方法；
- 掌握軟件 VisualStudio、Matlab、Labview 基本編程能力和調試方法；
- 熟悉人體解剖的基本知識和結構，了解醫學影像和具有相關臨床合作經驗者優先；
- 良好的溝通與合作能力，具有開放性的思維方式。