

Augmented Reality Developer

Advanced Remanufacturing and Technology Centre

The Advanced Remanufacturing and Technology Centre (ARTC) is a new industry-led centre by the Agency for Science, Technology and Research (A*STAR) in collaboration with Nanyang Technological University (NTU). Based on a contemporary business model of public-private partnership, the centre transforms remanufacturing and manufacturing research into industry ready solutions for cross-sectoral industry members by bringing together best-in-class global companies and R&D minds in Singapore. Currently, the ARTC works with industry members to develop advanced remanufacturing and manufacturing capabilities. The members are comprised of global MNCs, leading equipment and software providers as well as SMEs. At ARTC, you will have a unique opportunity to unleash your creativity and competencies to develop innovative solutions for industry members. Spanning across our key technical areas in Repair & Restoration, Surface Enhancement, Product Verification, Robotics Process Development, Additive Manufacturing (3D Printing) and Factory of the Future. You will help industry members to realize the full potential of remanufacturing possibilities, from process development to integrated systems and solutions. In addition, you will support industry members to develop strategies and technology roadmaps in Advanced Remanufacturing. You will also be part of an exciting Advanced Remanufacturing network, developing world-class knowledge in the field of Advanced Remanufacturing. For more information about ARTC, please visit: <https://www.a-star.edu.sg/artc>

Designation: Development Engineer/ Assistant Engineer

Contract term: (Full-time 3 Year Contract)

JOB DESCRIPTION

Role Description:

Responsibilities:

- Develop Augmented Reality solutions on smart phones, tablets, and wearables.
- Follow through from conception, development (prototype) till final solution.
- 3D modelling and UI/UX designs.
- Programming for mobile devices (android or iOS system) to achieve functions of feature recognition and visual overlay.
- Running of technical projects with industrial members. This includes technical planning, execution and delivery of development projects for global industry members
- Technical write up and presentation.

JOB REQUIREMENTS

- Diploma or degree holder in an engineering or computer science discipline.
- Strong passion in Augmented and Mixed Reality.
- Domain-knowledge in Augmented Reality, Virtual Reality and cloud infrastructure (AWS).
- 2+ years of software development experience.
- 2+ years Android/iOS application development.
- Highly fluent in Unity development.
- Knowledge in 3D modelling and Graphic software such as Blender, Maya and Photoshop.
- Good interpersonal, communication and presentation skills.
- Self-driven and independent.
- Example AR apps available for review or download.

NOTE:

- *To apply for the position, please email your detailed resume to hr@artc.a-star.edu.sg. In your application, please indicate for which position you are applying.*
- *We regret that only shortlisted candidates will be notified.*
- *The above eligibility criteria are not exhaustive. A*STAR may include additional selection criteria based on its prevailing recruitment policies. These policies may be amended from time to time without notice.*