

General Information

Job Title: Augmented Reality Android and Unity Developer

Job Description: Insight Medical Systems is a medical device company that uses augmented reality to help surgeons perform orthopedic surgeries. This cutting-edge technology provides an opportunity for developers to combine programming skills and creative design for a specific audience.

Preferred Location: Austin, TX

Job Responsibilities:

- Design, develop and modify software on a mobile platform to implement an augmented reality experience for surgical applications
- Support user interface modifications using Unity software package
- Enhance user interaction via code with mathematical algorithms
- Support lab testing of optical navigation tools
- Recommend software upgrades as necessary
- Perform upgrades and maintenance to existing software to improve performance, correct errors and allow adaptation to new hardware
- Analyze software requirements and user needs to determine whether the system design is feasible and can be completed within time and budget constraints
- Perform software system testing, validation procedures, application and system documentation and programming to ensure normal program functioning
- Coordinate software installation and field upgrades

Job Skills & Qualifications

Required:

- Bachelor's degree in computer science, software engineering, mathematics or related field
- Minimum 5 years C#, C++, Java programming experience
- Unity game development and deployment experience
- AR specific experience including virtual object placement, head tracking, and user interface design
- Familiarity with development, unit testing, and verification / validation of software programs
- Familiarity with Git or other version control methods
- Strong communication and interpersonal skills

Preferred:

- Deep knowledge of Android OS and hardware interoperability including application permissions, screencast techniques, mobile platform rooting
- Docker or similar virtual environment creation and maintenance
- Master's degree

To apply, please email a cover letter and resume to info@insightmedsys.com