



# Augmented Reality Android and Unity Developer

[Insight Medical Systems](#), Austin, Texas Metropolitan Area

## About the job

Insight Medical Systems is a medical device company that uses augmented reality to help surgeons perform orthopedic surgeries. We're upending the market by replacing large, expensive capital equipment with our miniaturized system. This cutting-edge technology provides an opportunity for developers to combine programming skills and creative design for a specific audience.

### 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 Requirements:

*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

Insight offers a competitive benefits package including health insurance, dental and 401(k). If you're ambitious and want to develop exciting products that have a positive impact on people's lives, we want to hear from you.

To apply, please email a cover letter and resume to [info@insightmedsys.com](mailto:info@insightmedsys.com)