



MaRS Centre, South Tower | 101 College St, Suite 200 Toronto, ON
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Android Developer

General Summary

MolecuLight Inc. is a Medical device company in Toronto, specializing in point-of-care diagnostic imaging, developing a handheld optical imaging platform. MolecuLight's first product is an imaging system with primary applications in bacterial imaging for wound care, cancer imaging and preclinical animal model analysis.

MolecuLight Inc. is seeking a talented recent graduate Software Developer to join our downtown Toronto office. Individuals with Java, Android, Linux and Web development experience in medical client applications and understanding of healthcare technologies are encouraged to apply. The successful candidate will work on mobile applications. This is an opportunity to contribute to an innovative high-impact healthcare project from its earliest stage of development.

The successful candidate will fit the MolecuLight values:

- Merit and results-based recognition and advancement
- Find how we can, not why we can't
- Build value for customers and investors
- Innovation without ego
- Continuous improvement
- Achieve results with a sense of urgency
- Avoid bureaucracy that adds no value to our customers

Key Accountabilities and Responsibilities

- Design, document, implement and test software for integration with electronics of an optical imaging device
- Design, document, implement and test apps for Android
- Design, document, implement and test browser-based user interfaces and back-ends to talk to existing clinical systems
- Perform documentation and code reviews on developed modules
- Fix defects found in developed modules
- Research ideas/problems and implement prototypes quickly to demonstrate proofs-of-concept
- Observe clinical uses of the software and identify areas of improvement and new avenues of development
- Comply with current MolecuLight process development requirements and quality systems
- Provide written and verbal support to company personnel, clinicians and researchers
- Write documentation as required by the software development process and participate in documentation reviews
- Work closely with other team members to support architectural integrity, product quality and regulatory compliance.
- Work effectively in collaboration with other members of the organization
- Comply with all legal requirements, corporate policies and procedures and with generally accepted business and ethical practices



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Relationships

The position reports directly to the Software Architect. The Android Developer must promote positive and effective working relationships internally and externally.

We offer a competitive salary, benefits and incentives for the successful candidate within a dynamic and vibrant startup environment in the heart of downtown Toronto, close to transit, food options and amenities.

Knowledge, Skills, and Experience Required

Education:

- Undergraduate Degree - Computer Science, Computer Engineering or related field.

Knowledge and Experience:

- Minimum of 1-2 years' experience designing and developing software products for Web, Linux and Android Platforms.
- Experience with Android Studio and Gradle, writing and testing Android user interface applications for mobile devices.
- Experience with Java, Python, Javascript, Groovy and NoSQL databases.
- Experience in a software team using Agile, git, Jira, JUnit, Espresso or similar software tools.
- Knowledge of Machine learning/Artificial Intelligence software is an asset.
- Experience in a clinical or research environment is an asset
- Experience with medical software development under FDA, EU GMP, and ISO 13485, HIPAA is an asset

Skills:

- Ability to work independently within a dynamic team environment.
- Excellent English communication skills, both verbal and written.
- Excellent interpersonal communication skills and judgment.

Attributes:

- Ability to prepare high quality and reliable deliverables while working quickly, calmly, and effectively.
- Ability to work closely as part of a team, as well as independently when necessary.
- Ability to respond to urgent situations appropriately by prioritization.
- Accuracy and strong attention to detail
- Ability to take initiative

Disclaimer

The above information on this job description and specification has been designed to indicate the general nature and level of work performed by employees within this job. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job.