

# Testing Engineer

## About IGNIS

AMOLED (Active-Matrix Organic Light Emitting Diode) displays are a new cutting-edge display technology, for every application from mobile phones to HDTV. They offer superior image quality to AMLCD, lower power, more vibrant colors, and lower manufacturing costs. Established in 2000, IGNIS Innovation Inc. has become the leading independent supplier of technology for AMOLED displays. We develop the technology that makes AMOLEDs last longer, look better, and cost less. Spun off from the University of Waterloo in 2000, and based on over 10 years of R&D, IGNIS has over 40 patents granted and pending. IGNIS has strong relationships in Asia with leading display manufacturers who are introducing OLEDs into the global marketplace.

## Overview

Reporting to the Principal Engineer, this position is responsible for developing and using test systems for characterization of Active-Matrix Organic Light-Emitting Diode (AMOLED) panels.

## Responsibilities

- Solve challenging measurement problems by developing procedures, building test systems, and automating equipment

## Qualifications

- Experienced software developer: knowledgeable in good design practices & design patterns
- Experience with both PC and embedded software
- Strong attention to detail with demonstrated ability to maintain accurate and well organized records
- Experience in analog and digital hardware design, analysis & testing
- Competent with lab equipment: Scope, DMM, Logic Analyzer, Power Supply
- Competent in mechanical, thermal & robotic hardware development
- Knowledgeable in database design and development
- Competent using Excel, Word & Access

## Education

- BSc in Electrical Engineering, Computer Engineering, or equivalent