

Alphotonics Limited

Job Openings

16 July 2018

Alphotonics Limited is an advanced technology company based in Hong Kong Science and Technology Park. We specialize in state-of-the-art optical and electronic systems for 3D photography, Building Information Modeling (BIM), and building security applications. We have openings for passionate professionals interesting in pursuing an exciting career in computer vision, BIM, optical/electronic device/system, and precision mechanical design.

Computer Vision Engineer

Alphotonics aims to digitalize the 3D world with AI-assistance for both Building Information Modeling (BIM) and Smart City applications. Currently there are a number of openings for university degree holders (Bachelor, Master, Ph.D.) with experience and passion in any one of the following topics:

- LiDAR
- 3D model reconstruction from 3D point cloud with output to AutoCAD or Revit format
- Simultaneous Localization and Mapping (SLAM), Multi-View Stereo, Video Odometry, Photogrammetry
- Machine Learning for Vision
- Augmented Reality, Virtual Reality
- Sensor Fusion

BIM Engineer

Responsibilities:

- Create Building Information Models and provide necessary support to other team members
- Communicate and co-ordinate with different stakeholders including customers, consultants, architects and remote team to ensure the timely integration of BIM models with the project

Requirement:

- Higher Diploma or above in Building Services Engineering or related disciplines
- Knowledge of LiDAR preferred
- Experience of 3D point cloud post processing software, AutoCAD and/or Revit preferred

Optical, Electronics, and Mechanical Designers

Alphotronics Limited has openings for both senior and junior optical, electrical, and mechanical designers. We are looking for university degree holders (Bachelor, Master, and Ph.D.) with experience and passion in any one of the following topics:

- Fiber optics or free space optical communications
- Laser, detector, and optical subsystem
- Optical and lens design and assembly
- LIDAR design and operation
- High speed analog and digital circuit design
- Precision mechanical design
- System assembly and testing
- Reliability and quality assurance

Please direct applications and inquiries to:

Ms. Rica Fan rf@aiphotonics.ai
Phone: +852 9288 8082

Address: Alphotronics Limited, Unit 616, Building 12 W, Phase 3, Hong Kong Science and Technology Park, Shatin, Hong Kong