

### **About Sunny Optical Technology Group:**

Sunny Optical Technology (group)co., Ltd., is a leading manufacturer of integrated optical components and products manufacturer in the world. The Company is principally engaged in the design, research and development (the" R&D" ), manufacture and sales of optical and optical-related products. Such products include optical components (such as glass spherical and aspherical lenses, Optical plane products, handset lens, vehicle lens, security surveillance lens and other various lens), optoelectronic products (such as handset camera modules, three dimensional optoelectronic products, vehicle camera modules and other optoelectronic modules) and optical instruments (such as microscopes and intelligent equipment for testing). Among the products, the market share of our vehicle lens ranks No. 1 in the world for many years, the market share of our handset lens sets also ranks No.1 in the world, and handset camera modules ranks Top 2 in the world.

The vision of "Be stronger, bigger and go further to become a 'Hundred-Year-Old Brand' in the optoelectronic industry" drives the Company to further refine superior business and develop sustainable emerging strategic opportunities. Join us and let' s create together!

## **1. 2022 Summer Internship**

**Location:** Yuyao, China

### **Job Description:**

1. Design and develop optical test setup for optical system;
2. Manage the transfer of technology from the lab to the manufacturing line;
3. Communicate design decisions and test results to the cross-functional team.

### **Key Qualifications:**

1. MS/BS in Optics, Physics, Electrical Engineering, Mechanical Engineering, Material Science, Manufacturing, or comparable studies;
2. Languages: Fluency in English Chinese;
3. Good knowledge in computational optics, visual optics, raytracing;
4. Practical skills in Zemax optical design software.

### **Contact:**

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## **2. Optical Design Engineer**

**Location:** Shanghai/Zhongshan/Hangzhou/Yuyao, China

### **Job Description:**

1. Work on optical scheme design of new products and formulate corresponding assessment standards to ensure products' mass production;
2. Take charge of miniaturized optical lens design including but not limited to AR micro projector/WLO(Wafer-Level-Optics) lens/MLA(Micro-Lens-Array) lens ;
3. Ability to perform comprehensive optical and image quality characterization of the lens and the camera module;
4. Provide technical support and service for customers;
5. Manage the transfer of technology from the lab to the manufacturing line;

6. Communicate design decisions and test results to the cross-functional team.

**Key Qualifications:**

1. PhD/MS/BS in Optics, Physics, Electrical Engineering, Mechanical Engineering, Material Science, Manufacturing, or equivalent work experience;
2. Languages: Fluency in English and good level of English;
3. Proficiency with ZEMAX , CODE V, ASAP, MATLAB, etc;
4. Fundamental knowledge of mechanical design and CAD;
5. Self-motivated, with excellent interviewing, interpersonal, and collaborative skills.

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### 3. Optical Design Engineer (Engineered Optics/Micro-nano Optics)

**Location:** Shanghai/Yuyao, China

**Job Description:**

1. Take charge of engineered optics/micro-nano optics design including but not limited to AR Waveguide/Metalens/DOE lens/LC lens ;
2. Responsible for technical resources investigation and study the related to the above topics ;

**Key Qualifications:**

1. MS/BS in Optics, Physics, Electrical Engineering, Mechanical Engineering, Manufacturing, or equivalent work experience;
2. Fundamental background in physical optics and geometrical optics, previous related projects and papers experience are big plus ;
3. Off-the-shelf experience of using simulation and design software such as (VirtualLabs, Lumerical FDTD, RSoft, Matlab, Zemax, CodeV, etc.), familiar with coding for functional extension is a big plus;
4. Be active, Self-learner with clear mind, good at scouting resources, with good practical ability.

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### 5. Technical Support

**Location:** China/U.S./Germany

**Job Description:**

1. Provide technical support for clients, including detect, diagnose, and resolve problems for customers;
2. Identify client issues and work with internal teams to create a strategy to address problems;
3. Conduct market research activities to identify key customers and technology trends.

**Key Qualifications:**

1. BS or above;

2. Languages: Fluency in English and Chinese;
3. Proficient in project management process;
4. Effective communication skills to work with different groups;
5. Be active, Self-learner with clear mind, good at scouting resources, with good practical ability.

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## 6. Market Development

**Location:** China/U.S./Germany

**Job Description:**

1. Conduct market research activities to identify key customers and new product opportunities;
2. Keep abreast of market trends which have impact on business such as technology advances;
3. Establish and maintain good relationships with key customers;
4. Coordinate between customer and internal project team to get over project crisis when needed;
5. Research and maintain records of competitors' activities and contracts won.

**Key Qualifications:**

1. BS or above;
2. Languages: Fluency in English and Chinese;
3. Proficient in market research methods and techniques;
4. Effective communication skills to work with different groups;
5. Strong pressure resistance, strong sense of responsibility.

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## 7. Process Engineer(Engineered Optics/Micro-nano Optics)

**Location:** Shanghai/Yuyao, China

**Job Description:**

1. Take charge of process RD for Engineered Optics, including but not limited to NIL(Nano-Imprinting-Lithography) and Direct Etching;
2. Take charge of operation and maintenance of process equipment.
3. Responsible for technical resources investigation and study the related to the above topics ;

**Key Qualifications:**

1. MS/BS in Microelectronic(Process), Optics, Physics, Electrical Engineering, Mechanical Engineering, Manufacturing, or equivalent work experience;
2. Fundamental background in semiconductor or micro optics micro-fabrication technology, familiar with Litho, Etching, Thin Film Deposition or other key processes is a must(at least one), previous related projects and papers experience are big plus ;

3. Off-the-shelf experience of using at least one process equipment such as ICP/RIBE/EBL/PECVD/PVD,etc., familiar with new recipe development is a big plus;
4. Off-the-shelf experience of NIL(Nano-Imprinting-Lithography) or Mastering of NIL is a big plus;
5. Off-the-shelf experience of skills in using EBL(Electron-Beam-Lithographu) or LDW(Laser-Direct-Writing) is a big plus;
6. Be active, Self-learner with clear mind, good at scouting resources, with good practical ability.

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## 8. Mechanical Design Engineer

**Location:** Yuyao/Zhongshan, China

**Job Description:**

1. Work on mechanical design of products, including the 2D and 3D drawings.
2. Evaluate the feasibility from design process to production, and identify the relevant risk;
3. Provide technical support for production site.

**Key Qualifications:**

1. MS/BS in Optics, Mechanical Engineering, or equivalent work experience;
2. Proficiency with CAD, PROE, UG, SolidWorks, etc;
3. Languages: Fluency in English and good level of English;
4. Self-motivated, with excellent interviewing, interpersonal, and collaborative skills.

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## 9. Optical Evaluation Engineer

**Location:** Yuyao, China

**Job Description:**

1. Formulate optical standards for optical components and products;
2. Work on optical project evaluation, analysis of related problems and countermeasures;
3. Effective communication skills to work with different groups including customers and suppliers;
4. Optical scheme establishment of new product or test system.

**Key Qualifications:**

1. MS/BS in Optics, Mechanical Engineering, or equivalent work experience;
2. Strong logical ability and strong pressure resistance.

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