

Aisha Patel

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SUMMARY

Experienced Optical Engineer with over 5 years of expertise in optical design, fabrication, and testing. Proven track record of developing high-performance optical systems that enhance product efficiency and reduce costs.

EXPERIENCE

Optical Engineer

Jan 2022 - Present

Innovative Optics Inc., San Jose, CA

- Led a project that reduced lens manufacturing costs by 25%, saving \$150,000 annually.
- Developed and optimized optical systems that improved product light efficiency by 40%.
- Utilized Zemax and Code V for optical design and simulation, achieving project deliverables 20% ahead of schedule.

Junior Optical Engineer

Jun 2018 - Dec 2021

Precision Lens Tech, Sunnyvale, CA

- Assisted in the design and testing of optical components, contributing to a new product line that generated \$500,000 in revenue.
- Implemented quality control measures that reduced defect rates by 15% in optical assemblies.
- Collaborated with cross-functional teams to integrate optical designs into existing products, improving performance metrics by 30%.

Optical Intern

Jan 2017 - May 2018

Visionary Systems, Palo Alto, CA

- Supported the development of optical systems for advanced imaging applications, which enhanced product capabilities.
- Conducted laboratory tests and reported findings that led to design modifications, improving efficiency by 10%.
- Assisted in the creation of technical documentation and presentations for internal stakeholders.

EDUCATION

Bachelor of Science in Optical Engineering

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Optical Design, Lens Fabrication, Optical Testing, Aberration Analysis

Tools & Frameworks: Zemax, Code V, MATLAB, SolidWorks