

ALI GAMAL

DENTAL CAD/CAM DESIGNER

CONTACT

Email: aligamal4444572@gmail.com | **Phone Number:** +20 100 609 6634

PERSONAL DATA

Nationality: Egyptian | **Date of Birth:** December 15, 1992 | **Military Status:** Completed with an Honorable Conduct Certificate | **Marital Status:** Married

Dear HR Manager,

I am writing to express my strong interest in the Dental CAD Designer position within your esteemed organization. With over 14 years of hands-on experience in both traditional and digital dental technologies, I bring a wealth of expertise and dedication to delivering high-precision dental solutions.

Throughout my career, I have worked with leading dental laboratories and clinics where I played a key role in designing and producing a wide range of dental prosthetics. My experience includes full arch restorations, implant-supported bridges, and customized abutments. I have consistently contributed to enhancing workflows and reducing production time without compromising quality.

As a specialist in CAD/CAM systems, I am highly proficient in using software such as 3Shape, Exocad, and Dental Wings. I have also led teams in implementing digital workflows and training technicians, achieving significant improvements in productivity and efficiency.

In addition to design expertise, I possess a strong background in implant planning and surgical guide fabrication using tools like REAL GUIDE. My ability to read X-rays and CT scans with precision has enabled me to contribute effectively to complex clinical cases.

Currently, I work as a freelance CAD designer, collaborating with dental professionals in Egypt and abroad. This role has strengthened my communication and project management skills, ensuring I deliver accurate and timely solutions tailored to client needs.

I am confident that my technical skills, combined with my passion for continuous development and attention to detail, would make a valuable addition to your team. I thrive in fast-paced environments and am committed to maintaining the highest standards in every project I undertake.

I would welcome the opportunity to contribute to your success and bring my innovative approach to your dental design department. I am eager to grow professionally and contribute to a forward-thinking team that values excellence and precision.

Thank you for considering my application. I look forward to the opportunity to speak with you and discuss how I can support your organization's goals.

Sincerely,

Ali Gamal

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CAREER OBJECTIVE

Experienced Dental Technician with over 14 years of expertise in both manual and digital dentistry. Highly proficient in CAD/CAM software, 3D printing, and implant planning. Skilled in reading X-rays and CT scans, with a proven track record of delivering high-quality dental restorations. Currently working as a freelance CAD/CAM Designer for local and international clients.

EDUCATION

- High School Graduate

WORK EXPERIENCE

- **Freelance Dental CAD Designer & Operator**
- **Remote – USA Clients**
- **[Present]**
- Designed customized dental prosthetics using 3Shape
- Developed efficient workflows that improved turnaround time
- Delivered client-specific designs exceeding expectations
- Maintained compliance documentation and records
- **CAD Designer & Manager**
- **TRU SMILE Dental Lab**
- **[2023 – Present]**
- Streamlined multi-project workflow, boosting efficiency by 25%
- Trained staff in advanced CAD tools
- Reduced material costs by 15% through optimized design
- Built lasting client and supplier relationships
- **CAD Designer & Manager**
- **NOKHBA Dental Lab**
- **[2020 – 2023]**
- Implemented a digital workflow system, increasing efficiency
- Trained new hires, improving team productivity by 50%
- **CAD Designer & Operator**
- **SAFA & MARWA Dental Lab**
- **[2018 – 2020]**
- Designed full arch restorations and implant-supported bridges
- Identified and corrected design flaws, reducing production costs by 20%
- **CAD Designer & Operator**
- **CITY Dental Lab**
- **[2015 – 2017]**
- Introduced a new QC process reducing errors by 20%
- Designed complex implant cases praised by dental peers
- **Ceramist & CAM Operator**
- **SMILY Dental Clinic**
- **[2012 – 2014]**
- Implemented new ceramic materials, cutting production time by 15%
- Collaborated with dentists and patients to achieve aesthetic restorations

- **Manual Technician (Wax, Metal, Ceramic)**
- **ELBARAA Dental Lab**
- **[2009 – 2011]**
- Created CAD models and technical drawings from client specs
- Ensured designs were production-optimized and tolerance compliant

CAREER HIGHLIGHTS

- Among the first dental technicians in Egypt to perform implant planning
- Over 2 years of experience with REAL GUIDE and partial denture design
- Expert in advanced dental manufacturing tools and techniques

SOFTWARE & TOOLS

- CAD/CAM: 3Shape, Exocad, Dental Wings, Blender
- Implant Planning: REAL GUIDE
- 3D Printing: Formlabs 3D
- Milling Software: I-Cam, MillBox, Hyberdent
- Other Tools: AutoCAD, Microsoft Office (Word, Excel, PowerPoint)

COURSES & TRAINING

- IPS PRESS and IPS CAD Workflow Management
- EXOCAD Training Course
- 3Shape Design Course
- Implant Planning & Surgical Guide (REAL GUIDE)
- X-ray, CT & CBCT Reading Techniques

KEY SKILLS

- CAD/CAM Design & Management
- Implant Planning & Surgical Guide Fabrication
- X-ray and CT Scan Interpretation
- Manual & Digital Wax-Up, Metal & Ceramic Work
- 3D Printing for Dental Applications
- Workflow Optimization
- Attention to Detail & Quality Assurance
- Team Leadership & Training
- Client Communication & Project Documentation
- Time Management and Deadline Compliance

PERSONAL SKILLS

- | | | |
|-----------------------|-----------------------------|---------------------------|
| • Attention to detail | • Problem-solving | • Effective communication |
| • Flexibility | • Negotiation | • Working under pressure |
| • Priority management | • Planning and organization | • Time management |
| • Strategic thinking | • Adaptability | • Teamwork |
| • Self-motivation | • Creativity and innovation | • Leadership |

LANGUAGES

- **Arabic:** Native
- **English:** Very Good

