

Doaa Nasr

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To Whom It May Concern,

I am writing to express my interest in a junior engineering position within your esteemed organization. As a Mechatronics Engineering graduate from the Higher Institute of Engineering and Technology, I bring strong academic knowledge and hands-on experience in embedded systems, electronics design, and microcontroller-based applications.

My graduation project — a cost-effective water desalination unit using a solar dish — allowed me to apply embedded C programming, Arduino control, and system simulation using MATLAB and Proteus. This project was awarded an excellent grade and strengthened my skills in real-world problem solving, automation, and control systems.

In addition to my academic background, I completed practical training in electronics at Benha Military Factory, vehicle diagnostics at a local service center, and embedded systems with Orange Egypt. These experiences helped me build a solid foundation in circuit design, diagnostic tools, and embedded architecture.

I am highly motivated, detail-oriented, and eager to contribute to engineering teams where I can grow technically and professionally. I believe my skill set in programming (C, Python, PHP, JavaScript), CAD tools, and system integration will be an asset to your organization.

Thank you for considering my application. I welcome the opportunity to further discuss how I can support your team's goals and contribute to innovative engineering solutions.

Sincerely,

Doaa Nasr