

## מהנדס/ת מערכת/ לחברת מדיקל מובילה בקיסריה

לחברת מדיקל גלובלית באזור קיסריה, דרוש/ה מהנדס/ת מערכת מנוסה .  
במסגרת התפקיד: הובלת פיתוח ואינטגרציה בין תוכנות שונות המרכיבות מוצר רפואי מורכב.  
השתלבות בחברה מובילה ויציבה בתפקיד משפיע בפיתוח מערכת רפואית מתקדמת!

דרישות:

תואר ראשון בהנדסה ביו רפואית/ אלקטרוניקה/ מחשבים/ מכונות  
לפחות 3 שנות ניסיון בתפקיד הנדסת מערכת  
רקע חזק בתפקידי תוכנה/ אלגוריתמים  
ניסיון מתעשיית המדיקל/ תעשייה ביטחונית- יתרון משמעותי  
רקע במערכת מבוססת עיבוד תמונה- יתרון

לשליחת קורות חיים: [gane@sqlink.com](mailto:gane@sqlink.com)

### **SYSTEMS ENGINEER**

**Reports Directly to Systems team leader**

#### **A Day in the Life**

As a Systems Engineer you will be working in a multi-disciplinary environment. You will Provide technical leadership and oversight of diverse, distributed teams of engineers in development of complex medical device software and algorithms from concept to release.

As part of your day to day you will:

- Translating customer unmet needs into actionable user and system technical requirements, supporting platform architectures, and associated project execution plans
- Translating highly technical results into easily understood recommendations that will influence senior stakeholders
- Work across multidisciplinary teams to create, verify, manage, and track system- and subsystem-levels of requirements and specifications
- Demonstrating leadership and advanced knowledge of **SW and algorithm development** methodology
- Plan and oversee tasks breakdown and execution within the team and designated projects in desired quality and on time
- Work with development teams to support risk analysis, design/use FMEA, and identify proper risk mitigation solutions to the complex robotic surgical system and subsystems
- Provide technical leadership in system integration, testing, verification, problem solving and improvements
- Oversee and be deeply acquainted with regulated development processes and standards for - Risks, usability, safety etc. ensuring systems design and documentation meet all safety and regulatory compliance
- Hands-on work on the system and SW with designated new features
- Attend labs for both R&D hands-on and surgeon observation as part of clinical expertise required for system characterization
- Work closely with internal R&D teams in Mazor and other Medtronic sites: SW, HW, testing etc.
- Work closely with Product management and PMO
- Support key processes in the development life cycle, such as: sustainability investigations, SW optimization, technical experiments, Risk management process, usability validation and UI/UX specifications

Note: The following are meant to be representative but not necessarily all inclusive of the duties and responsibilities for this position title.

**Must Have:**

- BSc degree from a well-known university in the fields of: Biomedical/Electrical/Computer science/Mechanical Engineering or equivalent
- 4+ years of hands-on technical/+ development experience)
- Demonstrated technical leadership and ownership
- Proven ability in failure analysis, problem solving and troubleshooting
- Successful track record in leading cross-functional technical challenges
- Self-driven, Can-Do attitude
- Great team player
- Fluent in Hebrew and technical English - both verbal & written
- Ability for travel abroad up to 20% of the time
- Driver's license

**Nice to have:**

- 2+ years of work experience as a technical team leader or System Eng. in medical devices or other highly regulated industries - significant advantage
- SW/HW/Algo characterization and requirements writing - significant advantage
- System performance analysis - modeling, simulation, and test (python, MATLAB...)
- Global company experience - advantage
- Image processing background - advantage
- Relevant M.Sc