

Kareem Elkhawaga

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Military status: temporary exemption

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summary

Mechatronics and automation engineer with great experience in electrical circuits, PLC programming, SCADA systems, CNC, and mechanical design. I have experience in data analysis, problem-solving, and process optimization. Bilingual in English and Arabic, I thrive in collaborative environments, turning challenges into opportunities for innovation and growth.

Education

- Student at fifth year mechatronics, The Egyptian Russian University – ERU
- Expected graduation year (2025)
- Grade: very good

Internship Experiences

- Internship at the Arab Contractors, how to deal with mechanical parts and diesel engines and maintain, duration: 1-month
- Innovation and Entrepreneurship Training at Information Technology Industry Development Agency (ITIDA)

Extracurricular Activities

- Member at GDSC - Egyptian Russian University
- Public relation member (PR) at IEEE ERU
coordinated with sponsors, communicated with speakers and assisted in preparing event materials.
- Organization member (OR) Member at Ministry of Youth and Sports (YLY)
Responsible for logistics and organizing important events attended by prominent figures and audience.

Courses

- Innovation and Entrepreneurship Training information Technology Industry Development Agency, ITIDA for 1 month
- Python programming language Huawei ICT Academy-Egypt
- Basic Programmable Logic Controllers (PLC), Electric Motor and drive programming HA Consulting Group
- Advanced Programmable Logic Controllers (PLC), all PLC programming languages (ladder, STL, FBD and ST) SCADA and HMI

Language skills

Arabic (mother tongue) - English (very good).

Technical skills

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|-----------------------|---------------|
| • Electrical circuits | • programming |
| • Automation | • Solidworks |
| • PCB design | • Tia portal |
| • CNC | • Autocad |
| • PLC | • Sematic |

Interpersonal Technical

- Thoroughly analyze conditions and reach independent decisions
- Benefit from all learning situations
- Shows professional concern for the quality of work
- Handle crises and emergencies with coolness
- Public speaking and good presentation skills
- Negotiation skills