

Contact

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www.linkedin.com/in/mehrzad-golabi (LinkedIn)

Top Skills

Altium Designer

Printed Circuit Board (PCB) Design

Electronic Circuit Design

Languages

Persian (Native or Bilingual)

English (Full Professional)

Certifications

Altium Designer Workshop

Mehrzad Golabi

Electrical Engineering Student @ SBU
Iran

Summary

I'm Mehrzad Golabi, an aspiring Electrical Engineer studying at Shahid Beheshti University. I'm passionate about building innovative systems that blend hardware and software — from FPGA-based designs to embedded systems and robotics.

My academic and personal projects have given me hands-on experience with tools and technologies such as C/C++, MATLAB, ROS, and microcontrollers like Arduino, Raspberry Pi Pico, ESP32 and STM32.

I enjoy tackling technical challenges that push my boundaries and give me opportunities to learn and grow. Whether it's programming an FPGA or developing robotic systems, I'm always looking for new ways to apply engineering to real-world problems.

Experience

Shahid Beheshti University

7 months

Teaching Assistant

February 2025 - Present (7 months)

Teaching Assistant – Industrial Control Systems

Course Instructor: Dr. Montazeri

Supported undergraduate students in applying control theory through MATLAB and Simulink. Helped students model, simulate, and analyze industrial control systems. Assisted with assignments, clarified course concepts, and provided technical support during practical implementations.

Teaching Assistant

February 2025 - Present (7 months)

Teaching Assistant – Power System Analysis I

Course Instructor: Dr. Sepasian | Head Teaching Assistant: Dr. Shobeiry

Provided academic support by assisting students with assignments and reinforcing key concepts in power system analysis. Helped clarify topics such as power flow, fault analysis, and system modeling.

Education

Shahid Beheshti University

Bachelor of Science - BS, Electrical and Electronics

Engineering · (2021 - 2025)