Irfan Yucesan

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EXPERIENCE

KONE
Project Engineering Intern | Jul – Aug 2023 | Istanbul, Turkey

- Worked in the CSE Department
- Utilized AutoCAD extensively to contribute to the design and planning of elevator projects.
- Successfully completed 60+ projects within a 30 days, demonstrating strong work efficiency.
- Gained valuable hands-on experience in the elevator industry.

forNS
Team Member, Embedded Systems Programmer | Aug – Sep 2023 | Ankara, Turkey

- Finalist in "TEKNOFEST Ankara 2023 Deneyap Card Roboleague" competition in which over 2000+ teams joined.
- Worked on search and rescue vehicle as a team.
- Responsible for ensuring that the vehicle was capable of securely holding and maneuvering various components.

PROJECTS

VGA Pong Game
Final Project for the Digital Design course | Jan 2023

- Used CMOD-A7 FPGA board to display a bouncing ball on the edges of the screen and the paddle - able to control the paddle using the buttons on the FPGA board to hit the ball.
- Written in Verilog, through Vivado.
- Used Vivado's Clocking Wizard IP to match the hertz for the monitor to display a 640x480 resolution at 60Hz.

SKILLS

Embedded Software | FPGA, Verilog, VHDL, STM32, ARM, Digital Design
Miscellaneous | AutoCAD, KiCAD, Embedded Systems
Programming | C/C++, Python, MATLAB, Java, Javascript, jQuery, React, Django, HTML/CSS
Tools | Eclipse IDE, Visual Studio Code, Vivado, Vitis, Quartus, LTspice
Soft Skills | Team player ,Fast learner, Good humor
Currently Learning | SystemVerilog, RISC-V and RISC-V assembly programming

EDUCATION

POZNAN UNIVERSITY OF TECHNOLOGY
Automatic Control and Robotics
Oct 2023 – Current | Poznan, Poland

- Through ERASMUS+ Programme
- Funded by EU

MARMARA UNIVERSITY
Electrical-Electronics Engineering (English)
Sep 2020 – Current | Istanbul, Turkey

- Took part in Defense Industry Summit 2023 and Artificial Intelligence Summit 2023

RELATED COURSEWORK

- Digital Design
- Microprocessor Systems
- Linear Algebra
- Digital Signal Processing
- Object-Oriented Programming
- Signals and Systems
- Probability and Random Variables

LANGUAGES

- English | B2
- German | A2
- Turkish | Native

INTERESTS

- Working out
- Travelling
- Food