Mustafa Göktürk Yandım

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Education

Uppsala University

Computer Science & Engineering Erasmus Exchange   August 2021- January 2022 / Uppsala,Sweden

Sabanci University

Double Major (BSc) in Computer Science & Engineering   June 2022/ Istanbul, Turkey (CGPA 3.17/4)
Bachelors (BSc) in Mechatronics Engineering   June 2021/ Istanbul, Turkey
Minor in Energy   June 2022/ Istanbul, Turkey

Work Experience

Productive Machines   August 2022 – Present / Sheffield, UK

Industrial Machinery Manufacturing
Software Developer (Full-Time)

Pubinno Inc.   March 2022 – May 2022 / Istanbul, Turkey

Internet of Beer, Technology Company
Embedded Software Developer Internship

Corporation 9   November 2021 – January 2022 / London, UK

Innovation, Technology & Research Company
Embedded Software Developer Internship (Part -Time / Remote)

- o Research & Development project with University of Leeds for an Industrial IoT application solution.
- o Worked with C language and ESP32 microcontroller.

Yongatek   July – September 2020 / Teknopark Istanbul, Turkey

Microelectronics Research & Development Company

- o Research & Development project for developing a commercial product that will be used for an Industrial IoT application.
- o Communication methods such as Bluetooth Low Energy and SPI are combined with variety of development cards including Nordic BLE Dev. Kit, Orange Pi, Stm32 and E-paper module.
- o Using C programming language, an existing driver library that was written for Keil Embedded Studio (Stm32) was modified and implemented to a different platform called SEGGER Embedded studio (Nordic Dev. Kit).
- o Python language and BLEAK bluetooth libraries are used within a Linux based system for cross platform communication.

Sabanci University   January - June 2019 / Istanbul, Turkey

ENS 209, Introduction to Computer Aided Drafting and Solid Modelling
Learning Asistant

- o Helped ENS 209 course students on how to use Solidworks software for sketch drawing, creating solid parts using various tools, assembling parts and drawing technical parts from different views.

Sunexpress   January -February 2019 / Antalya, Turkey

Airways Corporation
Internship

Projects

Personal Project

IOS Application Development   March – December 2020

Sabancı University / ME 308   February - July 2019/ Istanbul, Turkey

Industrial Control Course Project

- o Solved given two problems using Siemens PLC Ladder Programming and Beckhoff Industrial PC.
- o Worked with Pneumatic pistons & drivers, relays, PLC Modules and components, Conveyor & chain belts, Inputs such as push buttons and optical/metal sensors.
- o Worked in Mechatronics Laboratory and used variety of power and measuring tools.

Sabancı University / PROJ 102   September-December 2017/ Istanbul, Turkey

Project with professors

o   Designed & built an autonomous robot combining Arduino and Raspberry Pi microcontrollers with a single camera.
o   Worked on Computer Vision (OpenCV), Serial Communication, Time to Collision methods.
o   Prepared introduction and Final reports. Poster design placed in top three.

Volunteer Work

Work and Travel Program

Chula Vista Resort   June-September 2019 / Wisconsin Dells, WI, USA
Highgate / Split Rock Resort   June-September 2018 / Lake Harmony, PA, USA

o   Worked in different jobs such as a Server, Bowling & Fitness Desk attendant, Lifeguard and Housekeeping.
o   Worked as a team with variety of people from different countries while discovering their cultures.
o   Improved English and interpersonal communication skills.

Civic Involvement Project (CIP)   January- June 2017/ Istanbul, Turkey

o   Protected and cured abandoned animals and worked for raising awareness about animal rights.

Skills

Language:

o   Turkish (Native)
o   English (C1 Level - IELTS 7.0/9.0)

Computer:

C / C++ / VB	Linux terminal	Arduino
Python	Solidworks (CAD-CAE)	Raspberry Pi
Swift	Siemens PLC	Stm32
MATLAB & Simulink	Beckhoff Industrial PC	Nordic Nrf52 BLE
Ladder Programming	Siemens NX Open	Esp32