

Cagin Agirdemir

caginagirdemir.github.io | +90 553 480 8898 | Istanbul

SKILLS

Languages	Python, C, C++, Typescript
Technologies	Git, Linux, Blender, Firebase, OpenGL, Qt

PROFESSIONAL EXPERIENCE

Freelancer Developer <i>Self-Employed</i>	2020 — ongoing <i>Istanbul, Turkey</i>
<ul style="list-style-type: none">Truck tracking with GPS, driver recognize, fuel tank tracking with a single board system. Also used memory map (mmap), UBlox GPS Module, Face Recognition, RFID Card Reader, Smoke and Alcohol Sensor Reading. Project Github Page.Developed a remote device which is electricity specs through WiFi Project Github Page.	
System Developer <i>Pronova Corporation</i>	May 2018 — May 2019 <i>Ankara, Turkey</i>
<ul style="list-style-type: none">Worked with ESP8266 WiFi Chip with STM32 Chip and Implementation on STEM instructive robot through C.A total of 450 students from 5 different countries benefited from these equipment.	
C++ Developer / Applied Eng. Department in TV Factory <i>Vestel Corporation</i>	Jun 2017 — Aug 2018 <i>Vestel City, Manisa, Turkey</i>
<ul style="list-style-type: none">Helped a test program written in C++ and used Qt GUI Framework.It implemented on Raspberry Pi Single Board which connected with a monitoring worker panel.	

EDUCATION

Master of Arts in Computer Science , Hacettepe University	2019 - 2022
Bachelor of Electrical & Electronic Engineering , Suleyman Demirel University <i>with TUBITAK Fellowship</i>	2012 - 2017
Assoc. of Computer Programming , Uludag University	2009 - 2012
Computer Software , Turk Telekom Technical Highschool	2004 - 2009
Unclassified Education , 42 Istanbul Common Core	2022

CONTESTS

TUBITAK 2209-B Industry Oriented Research Projects Grant Prize	2017
METU 25th National Programming Contest Finalist and 6th Qualification Round	2022

PERSONAL PROJECTS

- I made rewrite for 45 Std C-99 library function [Project Github Page](#).
- I wrote a minishell as beautiful as shell [Project Github Page](#).
- My Ray Casting project called cub3d [Project Github Page](#).

TEACHING ACTIVITIES

Robotic and Coding Training (in C) for National Education Ministry Teachers	2017
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CERTIFICATES

Cisco IT Essential Certification	2009
Using Email for Networking in English (from Washington U via EdX)	2019
Controller Input/Output (from Texas U. at Austin via EdX)	2019

ACTIVITIES

Wisdom of the Earth EU project in Villa Elba Youth Center Kokkola, FINLAND	Summer 2012
Community Volunteers Foundation Manager of University Branch ISPARTA	2013
TUBITAK Public Open Source Conference ANKARA	Fall 2017
Kiev Polytechnic Institute Kiev, UKRAINE (Ukrainian Lang. Prop Course)	Fall 2019
Hostel Staff Tallinn, ESTONIA	Fall 2021

LICENCES

Turkey Football Federation Soccer Referee (Licence Number 27226)	since 2009
Driver Licence (Class B)	since 2009